

Book No 8.

111

H.A. ALLARD.

Field
Collection
numbers.

10094 - 11437.

Al. compositae checked or ident.
by S. F. Blake.

all Cyperaceae checked or ident by
Dr. F. J. Hermann.

see 10183 = *Juncus effusus* L. var.
compactus Hafte. New to West Va.,
found at Stony River Dam. Southern
most records Mass., i.e. Milton & Orls.

see 10189 & 10246 = *Calluna vulgaris* L.
Stony River Dam country. at 3800 ft.
New to W. Va

see 10190 and 10247 = *Erica tetralix* L.
Stony River Dam area. New to
W. Va.

Many fungi det. by W. W. Diehl, U.S.D.A.
Find large, thriving colony of
Aster tataricus in full bloom
in dense thickets at west end
of Thoroughfare Gap, Bull Run

M.

Allard, H. A.

Va., W. Va.

1942-1945.

Book 8.

Field Notes nos. 10094 - 11437.

1942.

^{West Va.}
Canadian Valley trip July 26 to Aug 16,
1942. Walked close to 200 miles
in this period, by pedometer.

Aug. 23, 1942. To Pond Mt. area
south of Thoroughfare Gap 2 1/2 miles,
walked about 6 miles by pedometer
August 30, 1942. To Pond Mt. area,
covering much of same trip of Aug. 23.
walked about 6 miles by pedometer.

September 6, 1942. To High Point
Cliffs, returning by Broad Run
station on west slope. Walked
about 5 3/4 miles by pedometer.

Sept. 13, 1942. To Pond Mt. cliffs via
Route 50, south on west slope to
old loguse site thence to cliffs
east taip to Broad Run Station,
to shooting spring and Beverly
Mill. Walked 6 miles by pedometer.

Sept. 20, 1942. To Broad Run Station
from Beverly Mill, south across
Route 50 to old loguse site and
barns. thence east to Pond Mt.,
cliffs, returning by same
route. Walked 6 miles by pedometer.

Sept. 27, 1942 - Rain: no trip.

Oct. 4, 1942 To Beverly Mill, Bull Run Mts.
walked up valley ⁵⁰¹⁷⁴ ~~road~~ ^{Manufactured by} north of Mill,
to point east of High Point, thence west to
High Point Cliffs and return; covering 6 miles.

all compositae checked or ident.
by S. F. Blake.

all Cyperaceae checked or ident by
Dr. F. J. Hermann.

see 10183 - *Juncus effusus* L. var.
compactus Hafte. New to West Va.,
found at Stony River Dam. Southern
most records Mass., i.e., Milton & Otis.

see 10189 & 10246 - *Calluna vulgaris* L.
Stony River Dam country. at 3100 ft.
New to W. Va

see 10190 and 10247 - *Erica tetralix* L.
Stony River Dam area. New to
W. Va.

Many fungi det. by W. W. Diehl, U.S.D.A.
Find large, thriving colony of
Aster tataricus in full bloom
in dense thicket at west end
of Thoroughfare Gap, Bull Run
Mt., Va., $\frac{1}{4}$ mile or more from
nearest house. An adventive
here, = *

see 10550 - *Aster tataricus* L. an
escape at Thoroughfare Gap. Oct 1,
1942.

(cont'd Va.)
Canadian Valley trip July 26 to Aug 16,
1942. Walked close to 200 miles
in this period, by pedometer.

Aug. 23, 1942. To Pond Mt. area
south of Thoroughfare Gap 2 $\frac{1}{2}$ miles,
walked about 6 miles by pedometer
August 30, 1942. To Pond Mt. area,
covering much of same trip of Aug. 23.
walked about 6 miles by pedometer.

September 6, 1942. To High Point
Cliffs, returning by Broad Run
station on west slope. Walked
about 5 $\frac{3}{4}$ miles by pedometer.

Sept. 13, 1942. To Pond Mt. cliffs via
Route 50, south on west slope to
old house site thence to cliff
east bank to Broad Run station,
to shooting spring and Beverly
Mill. Walked 6 miles by pedometer.

Sept. 20, 1942. To Broad Run station
from Beverly Mill, south across
Route 50 to old L. - site and
old mt.,

by pedometer.

all High Pt.
of Mill,
to point east of High Point, thence west to
High Point cliff and return; covering 6
miles.

U. S. Government Printing Office

also
by S. F.
all G
Dr. F.

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stony
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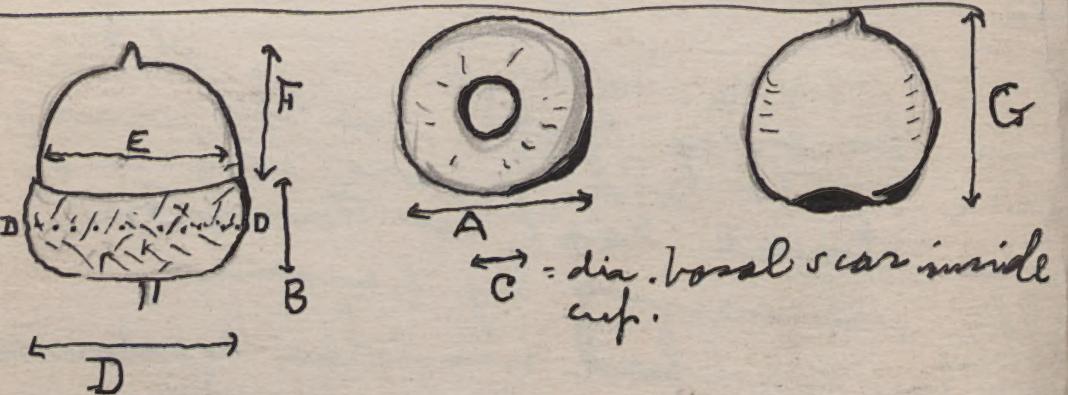
See 10
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W. Va
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A
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1942L

October 11, 1942. To Beverly Mill - walked south along Pond cut pastures on west slope, to old house site and farm, thence to Pond Mountain cliffs and return to Beverly Mill.Covered 4-4½ miles by pedometer. Weather clear, warm, winds.

Oct. 18, 1942. To High Point Cliffs, walking from Beverly Mill up west slope, returning by trail to Spouting Spring (temp. 55°) after following ravine and floods at Wash. D.C., etc. Oct 13 = .01
" 14 = 1.83
" 15 = 1.24
" 16 = 2.50
" 17 = 1.19
" 18 = .02
Total 6.79 in.



See *10590 and 10591 for dimensions.

Dimensions of *Quercus alba*

10590.

Dia across cap edge to edge A = 1.7 cm.
Diameter basal scar within cap C = 8 mm.
Height cap outside B = 7 mm.
Mid dia. across cap outside D = 1.7 cm.
Height from edge cap to peak end = F = 2.4 cm.
Greatest diameter acorn nut = E = 1.6 cm.
Entire length nut = 2.7 cm.

Oct. 25, 1942. Park at Castello's. walk to Mistletoe, thence to cloudberry tree spring N. of Hopewell Gap, thence west up ridge, to second ridge west, ie white rocks ridge, returning along crest of ridge, to car. walked 6 miles by this to car. walked 6 miles by pedometer.

November 8, 1942. Park at Castello's walk to High Point, Beverly Mill and return, covering 6 miles by pedometer.

November 15, 1942. Park at Beverly Mill, walk along highway south leading to New Baltimore 4 miles, then west up ridges to west slope pastures, returning along west slope to car. walked 7 $\frac{3}{4}$ miles by pedometer.

also
by S. F.
all C
Dr. F.

see 101
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see 10
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1942

November 22, 1942, walked from Boxley Mill south along New Baltimore highway 4 miles, thence east to ridge heavily wooded, returning. Walked 8 miles by pedometer.

March 14, 1943, To Bull Run Mountain with K. walked to High Point and $\frac{1}{4}$ mile beyond to oak tree covered with protuberances. Temp. at 5:30 P.M. in ridge 60° F. Spouting Spring 54° Heard first Phoebe. Walked 7-7½ miles. This is my first mountain trip since my offender storm Nov. 24, 1942. Left Emergency Hospital Dec. 12. To Office at Beltonville, Md. Dec. 21, 1942. ($\frac{2}{3}$)

March 21, 1943, To Pond Mt. with T., parking at Thoroughfare Gap. Walk over Triassic Border conglomerate cliffs on right bank of Broad Run south of Thoroughfare Gap in 1 mile. Walked 6-6½ miles. Heavy snow began at 2 P.M. Temp. $32-34^{\circ}$ all day.

Added two new plants to area = *Asplenium trichomanes* L., *Pellaea glabella* Mett., and possibly a *Selaginella*, besides finding a large, thriving colony of *Camptosorus rhizophylloides* (L.) Link, all on the conglomerate cliffs.

see # 10718, # 10724, # 10726
* 10725 and # 10727.

April 4, 1943, To Pond Mt. Va. with T. walked from Thoroughfare Gap down broad Run right bank 3-3½ miles, collecting on the Triassic Border conglomerates 1 mile down, walked 6 miles by pedometer.

April 18, 1943, To Bull Run Mt. Va., with T. walk two miles down Broad Run on the right bank, to the blue bell colonies.

Mr. — tells me a few trees of sweet birch, *Betula lenta* grow on the Triassic Basal conglomerate. He tells me this was formerly burned for lime. Temp. of Spouting Spring = 54° F.

May 8, 1943, To Boxley Mill by Bak & Trailways, leaving at 7:40 A.M. Returned with T. in car at 5 P.M. walked to spouting spring then along road slope pond mt. pastures to old house site where we ate. Thence east to Pond Mt. cliffs and return. Found a Buzzard's nesting site among the rocks with two large, mottled eggs. Found several soapfrage new to my area. = # 10735, walked 6 miles by pedometer. Spouting Spring = 54° F.

May 23, 1943. To Bull Run Mts. by Bus. walked from Beverly Mill by railroad to Spouting Spring, temp. 54° F. +, then across #55 to west slope Pond Mt. eating at old barn and house site, walked then to Pond Mt. cliffs east and buzzard's nest, then along west slope to #55, walked 6 miles. Temp. spring on slope near #55 = 52° . Temp. spring from spot on #55 = 54° + F.

July 24, 1943. Leone Clarendon for Davis, Tucker Co., W. Va., via route 50. Remained at Davis till August 7, staying at Warden Hotel. Spent all intervening time in this region covering 8-10 miles each day. Covered Blackwater River, the Falls, the Blackwater Canyon. Collected two species of *Juncus* new to West Va., i.e. *J. tenuis* L., and *J. articulatus* L., both non-tuberous. Rained torrents nearly every afternoon or night and very cool. Persons drowned west of Davis at sulfur and heaters.

W. C. Muenacker,
Dept of Botany.

Cornell Univ. Ithaca, N.Y.
identified the Bull Run
Potamogeton.

Found E. C. Ogden Univ. of
Maine has monographed
the broad-leaved ones.
and Dr. Rogers McVaugh
says would be a good
one if not in army. Contact
Smyth Herbarium for his
whereabouts.

and algal to
Dr. Francis Drouet,
Chicago Nat. Hist. Museum,
Roosevelt Road and Field Drive,
Chicago 5, Illinois.
(authority on blue-green algae)

See No. # 11347. *Campsis radicans*
Leaves & leaflets absent today in
drying.

see #10768 = Viola septentrionalis Greene.
near to area

See 10002 - Hystrix pumila Moench ²,
Mrs. Chase says glumes especially
well developed, and may be a cross
with Elymus villosus. Broad Run
station south of bridge over Broad
Run.

See Panicum ^{fragile} (Gath.) Scribn.

= #10472, Pasture, west
slope Pond Mt.,

See #10837 - Quercus alba var ryderi ².
see release for leaf
illustrated. Large tree in
cemetery, Arlington, Arlington Co., Va.,
on Lee Boulevard, a strikingly
beautiful oak in natural woodland.

See Juncus articulatus L.
near to West Va = #10801 - #10848.

See Juncus filiformis L.
Prof. not up. from West Va;
coll by Sharp in Tucker Co., 1941
#10953; #11010.

Hypericum

10094

⁽³⁾

Canaan Valley, Tucker Co.,
West Va., near Great Slope
Cabin Mt., ad Blad Run
where Burley's camp is
situated, July 31, 1942

H. A. Allard.

Near Blackwater River not far from
camp 70, as one leaves Canaan Valley for
Dana, in low flats here at 3280 ft.

10095

Polygala

⁽³⁾ In cinders of old road bed ^{near}
just west of camp 70, on road ^{ditto}
to Dana, at 3200 ft.

10096 Smilax

" Dry swamp near Blad Run ^{ditto}
near its mouth with Little ^{Aug. 1942}
Blackwater, at 3200 ft.

10097 Cuscuta

⁽⁵⁾ ^{same} In swamp with # 10096 ^{ditto}

10098 Helenium autumnale L.

" with # 10096, low ground; ^{ditto}
common on Blad Run also.

10099 Chiogonos hispidula Michx.

" In bog beyond Little Blackwater ^{ditto}
River near camp 70. at 3200 ft.

10100 Aronia

" with # 10099

Moss.

Canaan Valley, Tucker Co., W. Va.
near west slope Cabin Mt., and
Glade Run, around Burley's
camp here. July 1, 1942

10101

" H.A. Allard
In soil along Glade Run near
Bill Burley's camp.

PEOC1

10102 Moss with # 10101

80001

ditto

10103 Moss with # 10101

80001

10104 Mosses on logs & stumps
" along Glade Run near
10101

80001

10105 Rubus hispida L.
" In boggy glade near Little
Blackwater River near camp 70,
at 3200 ft., where blue berries abundant.

80001

10106 Carex trisperma Desv. (3)
with # 10105; very abundant.
alt. 3200 ft.

80001

10107 Carex canescens var.
" with # 10105. disjuncta T. & G.

00101

Chioglossa hispidula

Canaan Valley, Tucker Co.,
west Va., near west slope
of Cabin Mt., ad Glade Run
where Burley's camp is
situated at 3200 ft.

GR101

Aug. 1, 1942, H.A. Allard.

10108

121

This growing over sphagnum in low
blueberry glades along Little Blackwater
River near Camp 70, a later stage

10109

" in succession. (See notes) 01101
Blueberries very abundant here.
Juncus effusus var. solutus Bern et Wieg.
with # 10108

01101

ditto

10110 Polytrichum

81101

" with # 10108, where
great areas (areas) where too dry
for sphagnum, ad on high
uplands; everywhere.

10111 Polytrichum invading

81101

" ad overrunning Sphagnum;
spreading with # 10108. A
successional phenomenon

10112 Hypericum

01101

" with # 10108

ditto

10113 Lichens

01101

" on bark of Alnus
incana (L.) Moench, and
Prunus virginiana L.; along
Glade Run near Burley's
camp, at 3200 ft.

Aug. 2

ditto

10114 Lichens on bark.

11101

" with # 10113

Aug. 2

ditto

Bark lichens Canaan Valley, Tucker Co., W. Va.
near Glade Run and near
slope Cabin Mt., where Burley's
camp is situated at 3200 ft.
Aug. 2, 1942. H.G. Allard.

10115 " on trees along Glade Run near
Burley's camp, with # 10113.

10116 Mosses
on logs and soil, base
of trees etc. along Glade Run
near Burley's camp. ditto

10117 Mosses
with # 10116 ditto

10118 Mosses on logs etc
with # 10116 ditto

10119 Mosses on logs, soil etc ditto
with # 10116 ditto

10120 Potamogeton
(8) in Glade Run near
Burley's camp at 3200 ft ditto

10121 Bark lichens
on Alnus incana
and Prunus virginiana L.
on Glade Run near Burley's
camp. ditto

Bark lichens on Alnus Canaan Valley
in acacia & Prunus virginiana near nest
on Glade Run near cabin Mt. L. ditto
Burley's camp. Burley's camp where
and at 3200 ft. Aug. 2, 1942
H.G. Allard.

10122 " " ditto

10123 Bark lichens on same
trees and near # 10122 ditto

10124 Bark lichens on same trees ditto
" and near # 10122 ditto

10125 Bark lichens on same trees
10122 in same locality with ditto
10122 ditto

10126 Bark lichens on same
trees in same locality
with # 10122 ditto

10127 Bark lichens on same
trees in same locality
with # 10122 ditto

10128 Bark lichens on same tree
same locality with ditto
10122 = Daldinia loculata (Pers.) Fr.
10128a = Hyphomycetes fusca (Pers.) Fr. var.

Bark lichens on same trees in same locality as 10122. ~~Aug. 3, 1942.~~ ^{near Va., near west slope of Cabin Mt., Glade Run, where Bill Burley's camp is situated.} ~~Aug. 3, 1942.~~ ^{Aug. 3, 1942.} ~~H.A. Allard.~~

10129

"

10130 Bark lichens on same trees in same locality as 10122.

10131 Lichens, Cladonia etc. on logs, bark along Glade Run near Burley's camp.

10132 Cladonia. On logs, bark etc. along Glade Run near Burley's camp, at 3200 ft.

10133 Cladonia etc. On logs, stumps of spruce etc., near 10131

10134 Cladonia etc. On logs, stumps etc., with 10131

10135 *Lofelia inflata* L.

" along Glade Run near Burley's camp at 3200 ft.

ES101

ditto

ES101

Aug. 3
ditto

ES101

ditto

ES101

ditto

ES101

ditto

ES101

Aug. 3

Mass

10136

"

On rock along Glade Run at Burley's camp.

10137

Mass

" On log along Glade Run near 10136

10138 *Eleocharis obtusa* (Willd.)

" In mud along Glade Run near 10136

10139 Mint

" on Little Blackwater River Aug. 4, 1942
(2), growing on big beaver dam just west of Snow Mt.

10140 River

" In woods along old railroad bed near beaver dam on Little Blackwater River west of Snow Mt.

10141 *Crataegus*

" near Drioffith's camp on Little Blackwater River 2 miles north of Burley's camp.

10142 Liverworts etc.

" On logs, and base of trees in swamp on Little Blackwater River near big beaver dam, about 2 miles north of Glade Run and Burley's camp.

Mosses
In swamp on Little
Blackwater River
10143 near big
leather dam
" 2 miles north of Glade River

Canaway Valley Tucker Co. W. Va.
near west slope of Cabin Mt.
and Glade Run where Bill
Burley's camp is situated.
Aug. 4, 1942. H. A. Allard.

10144 *Sutellaria*
" at leather dam, north of
Glade Run 3 miles, in damp
soil, on Little Blackwater River.

10145 water plant
" in water of Little Blackwater River
near leather dam, and footbridge of log leading
to Red Coopers camp.

10146 *Callitrichia*.
" in water near # 10145.

10147 Mosses
" on log, soil etc. in swamp
on Little Blackwater River just north of
Griffith's camp ie 3 miles north of
Glade Run and Burley's camp.

10148 Mosses etc on log etc
" with # 10147

10149 Mosses on log etc.
" with 10147

" 10150
" 10151
" 10152
" 10153
" 10154
" 10155
" 10156

Canaway Valley, Tucker Co. W. Va.
Near west slope Cabin Mt.
and Glade Run where Burley's
camp stands. Aug. 4, 1942.
H. A. Allard.

with # 10147

Mosses etc on moist bank.
ditto
" with 10147

Mosses on moist earth etc
ditto
" with 10147

Mosses on moist soil.
ditto
" near big leather dam on Little
Blackwater River 3 miles north of
Glade Run and Burley's camp.

Mosses in swampy soil.
ditto
" with # 10153

Sphagnum
ditto
" with # 10153

Sphagnum
ditto
" Near 10153

sphagnum Canaan Valley, Tucker Co., W. Va.
near west slope Cabin mt. and
Glade Run where Bill Burley's
camp is situated. **DET 101**

10157 Aug. 4, 1942. H.A. Allard
" In swamp near big beaver dam
north of Griffith's camp 1 mile, on
Little Blackwater River. **DET 101**

10158 Lichens etc. on trees. **DET 101**
" near # 10157 ditto

10159 *Vaccinium corymbosum* L. **DET 101**
var. *pallidum* (Ait.) Gray ditto
In low ground near 10157.
Bush a large clump 2 1/2 to 3 ft high. Leaves
glauous whitened beneath. Berries large, blue-black.
10160 with heavy bloom, fine flumed. **DET 101**
Infrequent here ditto
" Moss ditto
near # 10157

10161 *Coreopsis baileyi* Britton. **DET 101**
(2) In moist soil at big beaver dam
north of Griffith's camp 1 mile, on
Little Blackwater River.
(Harper coll. in Tucker Co.)

10162 *Solidago graminifolia* (L.) Salisb. **DET 101**
" near # 10161; everywhere abundant ditto
in the regions just flumed.

10163 *Callitricha* **DET 101**
" In water at big beaver dam ditto
on Little Blackwater River 1 mile north
of Griffith's camp.

water plant, long, grasslike **DET 101**
10164 **Hydrostachys** **DET 101**
at log foot " attached. Bill Burley's camp is situated
Aug. 4, 1942. H.A. Allard with blades long, slender
with 10153 grass like, soft, crossing leading to Red Cooper's camp. **DET 101**

10165 water plant, with long, slender delicate ditto
" much branched, attached ditto
with # 10164. **DET 101**

10166 Mosses on wet rocks **DET 101** ditto
" at cold spring near big beaver dam
north of Griffith's camp 1 mile,
on Little Blackwater River. Temp. of
spring = **DET 101**

10167 Mosses on wet rocks etc. ditto
" with # 10166 in wet ravine
with brook here, from spring. **DET 101**

10168 Mosses on wet rocks etc. **DET 101** ditto
" with # 10166

10169 Mosses on wet rocks, soil etc., ditto
" with # 10166 **DET 101**

10170 Mosses on wet rocks, soil etc., ditto
" with # 10166 **DET 101**

Mosses on rocks etc. Camp Valley,
with # 10166. Tucker Co., W. Va.
Near west slope Cabin Mt.,
and Glade Rd. where Burley's
camp stands. Aug. 4, 1942
H. A. Allard.

10171 " ditto

10172 *Leptostylis pilosa* (L.) Gray ~~CR 101~~ ditto
" in moist soil near big beaver
dam on Little Blackwater River 1 mile
north of Griffith's camp. (not ripe.)

10173 *Vaccinium canadense* Kalm ~~CR 101~~ ditto
" in rocky ground near #
10172, beside old railroad grade.

10174 *Eupatorium purpureum* L. ~~CR 101~~ ditto
" var. (stems hollow) Stony River Dam
country just east of Cabin
Mt., Tucker Co., W. Va.
at gate on grade leading Aug. 6, 1942
to Stony River Dam, at 3550 ft., west of Griffith's camp.

10175 *Vaccinium canadense* Kalm ~~CR 101~~ ditto
" just west of Stony River Dam. Low
bushes; berries blue with heavy bloom;
not sour.

10176 *Juncus brenneriana* (Engelm.) Tenu. ~~CR 101~~ ditto
" in low ground on west shore ditto
of Stony River Dam.

10177 *Juncus effusus* var. *solutus* ~~CR 101~~ ditto
" in water on west shore ~~Engelm.~~ ditto
of Stony River Dam.

Callitriches

10178 " ditto
" in water at west shore
of Stony River Dam.

10179 *Marrubium (Panicum)* ~~CR 101~~ ditto
" west shore of Stony River
dam, in thicket.

10180 *Eleocharis acicularis* (L.) R. & S. ~~CR 101~~ ditto
" in mud on west shore ditto
of Stony River Dam.
(No achenes present, but probably this.)

10181 *Lycopodium tristachyon* L. ~~CR 101~~ ditto
" in rocky soil near west shore
of Stony River Dam.

10182 *Polytrichum* ~~CR 101~~ ditto
" in damp soil near west
shore of Stony River Dam;
extensive pure stands here.

10183 *Juncus effusus* L. ~~CR 101~~ ditto
var. *compactus* Hoppe, ditto
northern, with # 10178.
Southern, as southernmost record is Mass.,
ie at Milton and Ossie. New to W. Va., one species
Moss given to ~~H. A. Allard~~ ^{same} ~~same~~
Tucker Co., W. Va.
Aug. 6, 1942
H. A. Allard
Aug. 21, 1942

10184 " at muddy hole
near gate on grade to
Stony River Dam at
3500 ft.

Polytrichum

Stony River Dam,
Grant Co., W. Va.
Aug. 6, 1942

10185 On moist H.A. Allard
soil, west of Stony River Dam $\frac{1}{2}$ mile

10186 Moss near grade.
" in moist soil at gate leading to Stony River Dam, ditto
at 3500 ft.

10187 Moss.
" Near # 10186, in moist soil ditto

10188 Panicum
" Near # 10186, in rocky soil near old railroad grade ditto

10189 Calluna vulgaris (L.) Hull
On Cabin Mt. near # 10188 ditto
" One small patch - one very vigorous
4 x 3 ft., beautiful with pink blossoms.
My first record here. alt. near 3500 ft.

10190 Erica tetralix L.
" Several small patches near
10189; papering bloom; flowers
deep pink. New to West Va.

10191 Viburnum alnifolium Marsh
Near gate near # 10186.
Bush 15 feet high, covered with brilliant
coral red fruit which turned dark blue-
black in drying.

Aralia spinosa L

10192

" On next shore Stony River
Dam; full bloom; abundant, except on
Canaan Valley plate. Prefers
drier, rocky, well-drained situations

10193 Carpinus Canaan Valley
" Near Ruffie's nest slope Cabin Mt.
north of Bladensburg near Bladensburg
2 miles. Aug. 6, 1942 H.A. Allard

10194 Thaspium americanum L
" On grade near gate leading
to Stony River Dam ditto

10195 Agrimonia gryposepala Walter
" On grade on knob of Cabin Mt. ditto
just north of Burley's camp at
3400 ft

10196 Sambucus racemosa L.
" Near # 10195, on railroad grade ditto
Flint crimson, showy.

10197 Betula (2.) Stony River Dam
" lapyrifera Marsh. Grant Co., W. Va.
Aug. 6, 1942 H.A. Allard

West of Stony River Dam on grade
near # 10190. Tree 20 ft tall; bark white

10198 lapyrifera. My first record here.

" Lycopodium tristachyum Pursh ditto
On Cabin Mt., near Stony River Dam,
in rocky soil.

Veronica officinalis L. ^{Stony River Dam,}
^{Braxt Co., W. Va.}
10199 ^{Aug. 6, 1942. H.A. Allard}
" in rocky thickets and
pastures near west shore of
Stony River Dam.

10200 *Salix* ^{ditto}
" on west shore of Stony River ^{ditto}

10201 *Salix sericea* Marsh ^{ditto}
" near west shore of
Stony River Dam.

10202 *Vaccinium corymbosum* L. ^{ditto}
" near gate and grade ^{ditto}
on Cobia Mt., leading to
Stony River Dam, low, 2 ft.,
berries blue with heavy bloom.

10203 *Canagan Valley*, ^{ditto}
" ^{Trucker Co., West Va}
" ^{Aug. 6, 1942. H.A. Allard}
on log in swamp on Little Blackwater
River near camp 70, west of Burley's camp

10204 *Vitis labrusca* L. ^{ditto}
nest site of camp 70 at gap where
grade leaves Canaan Valley, in
thicket here. May only specimen

10205 *Umbelliferae* ^{ditto}
found in Canaan Valley. ^{ditto}
" Near * 10204.

Physocarpus ^{Canaan Valley,}
opulifolius (L.) ^{Trucker Co., W. Va}
10206 ^{Aug. 8, 1942}
" ^{in. H.A. Allard.}

Near * 10204

10207 *Linaria vulgaris* L. ^{ditto}
" along Glade Run near ^{Aug. 9, 1942}
Bill Burley's camp at 3200 ft.
common.

10208 *Hypericum* ^{ditto}
" in moist ground near ^{ditto}
Burley's camp at 3200 ft. ^{Aug. 9.}

10209 *Polygonum* ^{ditto}
" near * 10208, in ^{ditto}
moist ground. ^{Aug. 9.}

10210 *Polygonum* ^{ditto}
" near * 10208 in ^{ditto}
moist soil. ^{Aug. 9.}

10211 *Hypericum* ^{ditto}
" near * 10208 in ^{ditto}
moist soil. ^{Aug. 9.}

10212 *Fern*. ^{ditto}
Beside stump near Burley's ^{ditto}
camp on Glade Run. ^{Aug. 9.}

Rites cymbati L. *Canaan Valley*,
var *glabratum* Fern. *Tucker Co., W. Va.*

10213 *H.A. Allard* 00501

(3) On west slope ~~of~~ Cabin Snov Mt.
in Cabin Mt. range near grade
(railroad) at 3600 ft.

10214 *Sphagnum* (in fruit) 00501
" near 3500 ft. on west slope ditto
Cabin Mt., about due east of
Griffith's camp near railroad
grade and gate to Stony River Dam.

10215 Moss 00501
" on rocks near railroad ditto
grade near Snov Mt., in
Cabin Mt. range at 3600 ft.

10216 Fern: *Dryopteris intermedius* (Muhl.) Gray 00501
" in heavy woods near railroad ditto
grade approaching west slope of
Snov Mt., at 3500 ft. Light
readings taken here; the common
fern is very shade.

10217 On moss 00501
" west slope Snov Mt. ditto
Cabin Mt. range near railroad
grade at 3500 ft.

10218 Moss 00501
" well up west slope of
Snov Mt., in Cabin Mt.
range near alt., 3600 ft.

10219 Moss 00501
" * with # 10218 ditto

Eufatorium purpureum L. *Canaan Valley*,
(Stems solid) *Tucker Co., W. Va.*

10220 *H.A. Allard* 00501

" near top Snov
Mt., in Cabin Mt. range
at 4000 ft. abundant.

10221 *Eufatorium purpureum* L. 00501
" with # 10220, stems solid ditto

10222 Gramineae 00501
" near # 10220 on Snov Mt., ditto
at 4000 ft.

10223 *Aster amellus* Michx. 00501
" with # 10220 on top ditto
top of Snov Mt.; abundant; alt. 4000 ft.

10224 Lichens 00501
" on top Snov Mt., in
Cabin Mt. range at 4000 ft. ditto

10225 Smilax 00501
" with # 10220, and ditto
very common here in almost
in frequent in low lands pure stand.

10226 Gramineae 00501
" with # 10220 ditto

Hieracium *Canaan Valley*
scabrum Michx. Tucker Co., W. Va
Aug. 10, 1942

10227 *H. Allard.* *OSCOR*
" on top of Snow Mt., in
cabin int. range at 4000 ft.
common with *H. paniculatum*,
eranthium & *pratense*.

10228 *Rudbeckia laciniata* L. *1901*
" Near top Snow Mt., nest slope Cabin int. range, at 3600 ft. Common in red soil here and in flat lands of Canaan valley. *OSCOR*

10229 *Lichens* *OSCOR*
" On bark of rock maple at rear top of Snow Mt., near #10228 ditto

10230 *Lichens* *OSCOR*
" On bark living rock maples ditto
with #10229

10231 *Moss* *OSCOR*
" On soil on top Snow Mt., ditto
near #10229

10232 *Mosses* *OSCOR*
" On rocks near #10229 ditto

10233 *Mosses* *OSCOR*
" On rocks near top Snow Mt., in Cabin int. range at 4000 ft. ditto

Betula lutea Michx. *OSCOR* *Canaan Valley*
Tucker Co., W. Va
Aug. 10, 1942

10234 *H. Allard.* *1901*
" on railroad grade on west slope Snow Mt., near 3500 ft. in Cabin int. range.

10235 *Moss* *1901*
" on ground near #10234 ditto

10236 *Mosses on bark ch.* *1901*
" with #10234, same locality. ditto

10237 *Moss* *1901*
" near #10234 on Snow Mt. ditto

10238 *Moss* *1901*
" with #10234 ditto

10239 *Aster macrophyllus* L. *1901*
(2) on railroad grade of west slope of bank of Cabin Mt. range South of Blade Run, at alt. 3400 ft. frequent, just in flower. ditto

10240 *Mosses* *1901*
" on logs etc. In heavy maple brush wood on grade approaching gate leading to Stony River Dam. ditto

Mosses on ground, Canaan Valley, Tucker Co., W. Va.

10241 In heavy ^{aug. 10, 1942} ~~near~~ ¹⁰²⁴¹ H. A. Allard.

" north of Bill Burley's camp on Glade River, on west slope Cabin Mt., at 3400 ft.

10242 Mosses

" with # 10241 ^{on bank of} ~~near~~ ¹⁰²⁴¹ flowing course of grade

10243 Fern

" with # 10241

10244 Nepatica austrobova DC.

" Past blower. In same wood with # 10241; frequent, and the only seen sp.; not in Bull Run area.

10245 Fern

" In heavy maple-beech-birch wood on grade, west slope Cabin Mt., near gate leading to Stony River Dam, at 3500 ft.

10246 Calluna vulgaris (L.) Hull.

" Near railroad grade leading gate toward Stony River Dam. from same colony (4x3 ft. dia.) as # 10189, null bloom. alt. 3500 ft. Aug. 10, 1942.

10247 Erica tetralix L.

" Near # 10246 several small colonies passing flower; fl. beautiful pink. See also 10190 Aug. 11

Fern.

Near 10245

10248 at 3500 ft

" The common one in these heavy dark woods; see light values.

10249 Hypericum

" On railroad grade just south of Snow Mt., on west slope Cabin Mt., range near 3400 ft.

10250 Trifolium pratense L.

" on railroad grade near # 10249

10251 Eupatorium purpureum L.

" (Stems nearly solid)

Near # 10249

10252 Fern

" with # 10248.

10253 Moss

" On log in woods near # 10248

10254 Moss on log and soil.

" In same woods with # 10248.

Moss on log. Canyon Valley
Tucker Co., W. Va.
10255 In same woods Aug. 11, 1942
with #10248. H.A. Allard

Pink lichen
10256 On top of bank of Cabin Mt.,
" south of Snow Mt., Aug. 11, 1942
on sandstone cliff, 10 miles
east of Davis. H.A. Allard
near 4000 ft alt.

10257 Pink lichens
" with #10256

10258 Pink lichens.
" with #10256

10259 Mosses etc. Canyon Valley, 10259
Tucker Co., W. Va.
" On bank of maple Aug. 12, 1942
and birch trees in heavy H.A. Allard
maple-beech forest S.W. of Burley's camp 2 miles
beyond brakewa area. See light redings.

10260 Moss.
" In heavy maple-beech wood Aug. 13, 1942
S.W. of Bill Burley's camp on Glade Run,
and south of extensive areas of
brake fern. (Pteris aquilina).

10261 Mosses
" In same wood with
#10260

Mosses on logs etc., Canyon Valley
Tucker Co., W. Va.
10262 In same wood with Aug. 12, 1942
#10260 H.A. Allard

10263 Mosses, lichens on
bank of tree etc., ditto
" in same wood with #10260

10264 Isoloma triflorum Michx.
" in same wood with ditto
#10260

10265 Mosses
" on soil in same wood ditto
with #10260

10266 Mosses
" on soil in same wood ditto
with #10260

10267 Lichens.
" along Glade Run
near Burley's camp at foot Aug. 13, 1942
of west slope of Cabin Mt., here
at 3200 ft.

10268 Moss
" on rocks near #10267 ditto
Aug. 13

Mosses etc. *Canyon Valley*
 On old bridge timbers *Tucker Co., W. Va.*
 10269 *var Glade Run* *Aug. 13, 1942*
 near Burley's camp, at 3200 ft. *H.A. Allard*

10270 Lichens ditto
 " On same timbers ditto
 with # 10269

10271 Moss ditto
 " On same timbers ditto
 with # 10269 and 10270

10272 Lichens ditto
 " On same bridge timbers ditto
 with 10269

10273 *for animal* ditto
 " *Bromus*
 near spring at Burley's camp at 3200 ft., next slope of Cabin Mt., near Glade Run.

10274 *Potentilla* ditto
 " at Burley's camp, near # 10273

10275 *Cirsium lanceolatum* (L.) Hill ditto
 " around Burley's camp near # 10273; common

Lichens on soil etc. *Canyon Valley*
 On top of knob of Cabin Mt., east *Tucker Co., W. Va.*
 Aug. 14, 1942
 10276 *of Burley's camp*, H.A. Allard
 " at foot of which this camp is situated, at 3200 ft. alt. of lichens collected = 4000 ft.

10277 *abies balsamea* (L.) Mill. ditto Aug. 13,
 " along Glade Run near Bill Burley's camp at 3200 ft.; fruiting $1\frac{1}{2}$ ft. abundantly. Trees 30-40 ft. tall, but never up valve

10278 Lichens for lumber here.
 " on ground etc. ditto
 with # 10276 at top of knob at 4000 ft. Aug. 14, 1942

10279 *Fern*. ditto
 " in beany maple-beech wood S.W. of Glade Run and Bill Burley's camp and south of extensive brake fern (*Pteris*) areas. Alt. 3200 ft.

10280 Mosses. ditto
 " at Burley's camp on Glade Run on sandstone ledges overhanging at his spring, at 3200 ft., at foot west slope of Cabin Mt.

10281 Lichens ditto
 " On logs in same woods with # 10279. Light values taken here.

10282 Lichens on logs, ground etc. ditto
 " with # 10279 in same wood. ditto

Lichens on logs, Canaan Valley
earth etc. Tucker Co., W. Va
Aug. 14, 1942

10283

" in heavy maple-beech wood
S. of Bladensburg and Bill Burleigh's
camp, and south of extensive bracken
area (Pteris), alt. 3200 ft.

10284 Mosses, hepaticae

" etc., on logs etc.
with * 10283 - same
wood.

10285 Mosses on logs

" with * 10283

10286 Mosses on logs etc.

" with * 10283

10287 Lichens on soil, log etc.

" with * 10283

10288 Lichens on logs etc.

" with * 10283

10289 Moss on log.

" with * 10283

H. G. Allard

Aug. 14, 1942

DE 501

Moss etc. at foot of living cherry tree Canaan Valley
Tucker Co., W. Va
Prunus serotina Ehrh. Aug. 14, 1942

10290

" in same wood
with * 10283.

10291 Lichens

" on bark of living trees
near * 10283

10292 Lichens on logs.

" with * 10283

ditto

10293 Moss

" at base of living
cherry tree *Prunus serotina* Ehrh.
near * 10283

10294 Lichens, hepaticae etc

" on log, soil etc.
with * 10283

ditto

10295 Lichens on decayed

" logs etc.
with * 10283

ditto

10296 Lichens on log etc.

" in dense deciduous woods
in gap east of Bladensburg and
south of Burleigh's camp, between the
two at foot of which Burleigh's camp stands,
and next me south, alt. of collection: 3400 ft

ditto

Mosses on rocks etc. Canaan Valley
Tucker Co., W. Va
In same Aug. 14, 1942
10297 biggy woods H.A. Allard. 10291
" with # 10296.

10298 Mosses on logs etc. 10291
" with # 10296 ditto

10299 Rites cypnosbati L
" var. glabratum Ternald. ditto
Fruit large, very shiny but
covered with excellent flavor; occasional.

10300 Mosses on logs, soil etc. 10301
" at spring high up slope in ditto
same woods, near # 10296,
at 3500 ft.

10301 Mosses on logs etc. 10301
" ground same spring ditto
with # 10300

10302 Mosses on soil 10301
" at same spring with ditto
* 10300

10303 Mosses on decayed log. 10301
" at same spring with ditto
* 10300

Lichens (Peltigera) Canaan Valley
on logs etc. Tucker Co., W. Va
Aug. 14, 1942 10301

10304 " In same woods
in sag, with # 10296,
at 3500 ft. 10301

10305 " Gymnace sarcina aferina var. 10301
at top of rocky knob ditto
at foot of which Bill Buzley's camp
is situated in Cabin Knob
range. alt. of collection near
3800 ft ditto

10306 " Moss on soil etc. 10301
same in woods with 10296 ditto

10307 Mosses on rocks etc. 10301
" on west slope of knob at foot
of which Bill Buzley's camp
stands, and just south of his
camp, at 3400 ft ditto

10308 Mosses on soil 10301
" Near # 10307 ditto

10309 Mosses on moist soil 10301
" soil etc. ditto
Near # 10307

10310 Moss on damp soil in
woods 10301
" near # 10307 ditto

Moss in damp Canaan Valley
organic soil. Tucker Co., W. Va.

10311 well up slope Aug. 14, 1942
Hill, Allard.
" of knob of Cabin Mt., near foot of
which Burley's camp stands, and
collected at alt. of 3400 ft.

Coralia suacerdens L. Davis, W. Va.,
Tucker Co.,
along Blackwater Aug. 16, 1942

10318 River, and along roadside
12, near Redhouse, in Garrett
Co., Md., where abundant.

10312 Rock lichens.

" at top of knob at foot of ditto
which Bill Burley's camp
stands near Glade Run, in
Cabin Mt. range. Coll. at alt. of 3900 ft.

10313 Rock lichens.

On sandstone outcrop ditto
around Burley's spring. at his
camp on Glade Run. alt. of

10314 (Coll. = 3200 ft.)

10312 Rock lichens.
Collected near # 10312

10315 Rock lichens.

" Collected near # 10312

10316 Cirsium muticum Muhl.
Near Red House,
Tucker Co., W. Va.
Aug. 15, 1942.

Roadside, common; very tall.

10317 Chenopodium Davis, W. Va.
" along street; alt. 3140 ft. Aug. 16, 1942

10319 Vitis aestivalis Michx.

" var. argentifolia (Munro) Fern ditto
On route 50, at Allegheny Project,
where very abundant in roadside
thickets.

10320 Moss on ground, rock etc.,
" on beech maple beech Canaan Valley,
wood on knob, just Aug. 10, 1942
north of knob at foot of which H. A. Allard.
Burley's camp is situated. Coll. at 3400 ft.

10321 (This number out of date order)

" Moss in crevices of Pond Mt., Va
cliff face 2 miles south of Fangrine Co.,
of Route 50 (thoroughfare gap) at west slope
crest of ridge.

10322 Moss Aug. 23, 1942
H. A. Allard.

" On bark at foot of tree
near # 10321

10323 Moss

" On bark at foot of tree near
10321

10324 Fruticose lichens.

" On cliffs with # 10321 ditto

Mass. In rock crevice Pond rt. & Fangrier Cr., W.
at top of cliff 2 miles Aug. 23, 1942
3 miles S. of Thorngate H. A. Adlard
10325 sq. miles 2 miles S. of Thorngate
sq. miles

Mosser
On tree, logs, near
* 10325

Pond Mt., Franklin Co.,
Virginia
Aug. 23, 1942
H. A. Allard.

10326 Eragrostis 9189
131 in thin organic soil on horizontal
rock at crest of ridge on cliff
south of Boron before Day 2 miles ditto

10333 ^{Mass} On rocks near # 10325

10327 *Lichen*
spotted *lumbilicaria*
On cliff near # 10325

10334 ^{Mass}
111 on logz mean # 10325

10328 ^{Mass}
" on ground, rocks at cliff
near # 10325

10335 Lichens
" on bark of log near # 10325

10329 (pale greenish) Morez
" on soil, rock shelves
base trees th., near # 10325

10836 Mass
" on ground at edge of woods
west slope about east of barn on
abandoned farm 2 miles south
of Thoroughfare Gap.

10330 ^{Mosse} on bank, logs near
" 10325.

10337 Mass
11 on ground near # 10336

10331 ^{Mosses} ~~Lichens~~
" on cliff ground
near # 10325

10338 *Moss*
111 On ground with #10336

Mass
On ground in pasture near barn Pond Mt.,
on abandoned farm 2 miles from the Aug. 23,
Thoroughfare Gap, west slope H.A. 1942
10339 " H.A. Allard
west slope.

Compositae.

Bull Run Mt., Va
Tangier Co.
Along railroad just
above Bearly Mill Aug. 23, 1942
10346 H.A. Allard.

10340 Mass
On bank at foot of forest ditto
" trees at barn and house site
near # 10339

10347 Solidago juncea Ait

121 near # 10346.
Foliage somewhat scabrous.

10341 Moss
Lichens
On soil in woods below
cliffs, west slope just east
of # 10339

10348 Dennstaedtia

121 near # 10346

10342 Polygonum
3' In low ground in pasture
near abandoned farm & house site ditto
below # 10339

10349 Ludertia laciniata L

121 with # 10346

10343 Paspalum
" In pasture on knoll just
south of Thoroughfare Gap,
west slope.

10350 Euphorbiaceae

121 near # 10346, along
railroad.

10344 Convolvulaceae
" In same pasture with #
10343. fls. white.

10351 Humulus

121 along railroad slope
Bearly Mill in this sit.

10345 Lactuca spicata (Lam.) Hitch.
" Pappus dark; rays cream.
On roadside (route 50) at
Thoroughfare Gap, 10 ft tall.
(one plant).

10352 Ludwigia alternifolia L

121 with # 10346
Roots fusiform.

Mosses
on fork at base of locust tree ^{Pond Mt., Va} ^{Perf Lichens}
at old house site and barn, near ^{Fauquier Co., Va}
10353 south of Thoroughfare Gap ^{Aug. 23, 1942}
" 2 miles ^{H.A. Allard}

10354 Mosses on locust tree -
" in bark at ground - with ^{ditto}
10353

10355 Mosses
" on locust tree (bank) ^{ditto}
near # 10354

10356 Mosses
" on bark and ground ^{ditto}
" on and around locust tree
with # 10354

10357 Genus multilobigeri Engelm ^{ditto}
" with same tree as # 9986 and 9987, as at
this ², south of Thoroughfare Gap
about 2 miles on ledge.

10358 In Allard's yard ^{ditto}
" growing on soil ^{ditto}
Arlington, Arlington Co., Va
3000 - 7th. St. N. Arlington, Va

10359 Moss ^{ditto}
" with # 10358

Pond Mt., Va ^{Perf Lichens}
in bark tree ^{Fauquier Co., Va}
in pasture, near slope ^{Aug. 23, 1942}
10360 2 miles south ^{H.A. Allard}
of Thoroughfare Gap. ^{Perf Lichens}

(cont of date order)

10361 Moss ^{ditto}
" on soil in ^{ditto}
Allard's yard, 3000 - ^{Aug. 25, 1942}
7th. St. N., Arlington, Va. ^{H.A. Allard}

10362 Moss on soil ^{ditto}
" with # 10361 ^{ditto}

10363 Moss on soil ^{ditto}
" with # 10361 ^{ditto}

10364 ^{Bull Run Mt.,}
" in thicket along railroad ^{Fauquier Co., Va}
just above Beverly Mill. ^{Aug. 30, 1942}
H.A. Allard

10365 Humulus ^{ditto}
" with # 10364 ^{ditto}

10366 Hydrocotyle americana L ^{ditto}
" in damp soil near ^{ditto}
sprouting spring above Beverly ^{ditto}
Mill. ^{Aug. 30, 1942} ^{55°}

Quercus stellata Wang Bull Run Mt., Va
on ridge, near Beverly Mill, ^(N) Tangier Co.,
frequent. Mill ave. 30, 1942,
10367 ^{Ha}, Allard.
(4)

10368 *Quercus alba* & *stellata* (?) ditto
(3) Near # 10367
see also # 9794 from same tree
Rare.

10369 *Quercus alba* L. ditto
(3) Near # 10367; abundant

10370 *Quercus marilandica* Muench ditto
(2) Variations in leaf shape on
same tree very marked - ie
slightly too strongly lobed.
with # 10367

10371 *Quercus marilandica* Muench ditto
(" Form with weakly lobed leaves) ditto
with # 10367; frequent. Pond Mt.
Tangier Co.

10372 *Leucobryum glaucum* (L.) Schimp. ditto
(2) at cliffs on soil on Pond Mt., 2 miles
south of Thoroughfare Gap; very
abundant; fruits rarely.

10373 Moss ditto
(" on soil at cliffs near
10372; abundant,
(shining dark green mats)

Moss
10374 ditto
(" on soil at cliffs near
10372; abundant.

10375 Moss ditto
(" " at on organic soil on
rock shelf at cliffs 2 miles
south of Thoroughfare Gap.

10376 Lichens ditto
(" at base of tree on bark
near # 10372.

10377 "mucilage lichens ditto
(" on rock face on cliff
2 miles south of Thoroughfare
Gap.

10378 *Cladonia* on *Leucobryum* ditto
(" on soil at cliffs near
10377

10379 Mosses ditto
(" Near # 10377

10380 Moss (?) ditto
(" on soil on rock shelf
at cliffs near # 10377.

Moss.
On dry rock at ground
in woods well down. Pond Mt., Fangmier Co., Va.
H.A. Allard.
10381 west slope 2 miles
" south of Thoroughfare Gap.

10382 *Corallorrhiza odontorhiza* Nutt.
" Large colony in woods well
down west slope 2 miles s. of ditto
Thoroughfare Gap. Base bulbous; frequent.

10383 Moss
" at base of large chestnut Oak
at cliffs 2 miles s. of Thoroughfare ditto
Gap.

10384 Moss
" on ground in woods
west slope near # 10382 ditto

10385 *Monotropa hypopitys* L.
" in woods near # 10382; frequent. ditto

10386 Moss
" on organic soil at cliffs ditto
near # 10383

10387 Moss
" on soil at cliffs ditto
near # 10383

Lichens
Mosses

10388

On bark at foot of living trees
at cliffs 2 miles south of
Thoroughfare Gap.

10389 Moss

" on soil in pasture ditto
near old house site west slope
2 miles south of Thoroughfare Gap.

10390 Moss

" on soil at foot of cliffs ditto
at crest of ridge 2 miles south
of Thoroughfare Gap.

10391 Moss

" on bark of decaying logs ditto
in woods near # 10390

10392 *Sordaria arvensis* L.

" var. *glabrescens* Smith, Brab & Winn ditto
at Beverly Mill along railroad.
See also # 10000

10393 *Larrea spicata* (Lam.) Hitch.

" All from one plant.
(Leaves deeply lobed) frequent ditto

10394 *L. spicata* (Lam.) Hitch.

" var. *integifolia* (Gray) Britton ditto
(Leaves not lobed throughout)

Lactuca spicata (Lam.) Hitchc. Pond Mt., Va
var. *integifolia* (Gray) Britton Fangier Co
Aug. 30, 1942

10395 along railroad H.A. Allard
" near Beverly Mill.
(One plant) Leaves unlobed.)

10396 *Lactuca spicata* ditto
" var. *integifolia* (Gray) Britton ditto
near #10395 (Leaves unlobed;
all from one plant.)

10397 *athyrium thelypteroides* (Michx.) Dickt. ditto
in swampy woods 1 mile
south of Route 50, Thoroughfare
Graf, foot of west slope; occasional

10398 *Boehmeria cylindrica* L. var. ditto
in thickets along railroad
near Beverly Mill.

10399 *Chondrilla juncea* L. ditto
Roadside near Broad Run
Station; infrequent.

10400 *Gaura biennis* L. ditto
Roadside #50 at Thoroughfare
Graf.

10401 Lichens on bark
of hickory tree near ditto
#10397

400 on bark of log in
swamp with #10397

10402
" 1

10403 *Trichostema dichotomum* L. ditto
in dry pasture 1 mile
south of Thoroughfare Graf
on west slope.

10404 *Cuphea petiolata* (L.) Koehne ditto
" near #10403, same dry
pasture.

10405 *Polygala verticillata* L. ditto
var. *ambigua* (Vahl.) wood
with #10403; infrequent.

10406 *Polygonum terms* Michx. ditto
" with #10403; infrequent.

10407 *Hypericum gentianoides* (L.) B.S.P. ditto
in dry soil with #10403;
infrequent, local, where galled
or barren soil.

10408 *Stylosanthes riparia* Kearney ditto
in dry, sterile soil near
woods, west slope with 10403;
frequent.

Pond Mt.,
Fauquier Co., Va
Aug. 30, 1942
H.A. Allard

Quercus alba L. Ford Mt., Va.
at edge of woods, west slope Fall River Co.
Aug. 30, 1942
10409 2 miles south of H.A. Allard.
Thoroughfare Gap.
(3') (Broad-leaved, smaller-leaved
form throughout on this tree)

10410 *Cassia nictitans* L. ditto
(2') in dry pasture near
10409; frequent.

10411 *Crotalaria sagittalis* L. ditto
" in dry pasture ground ditto
with # 10409 - east of old
house site; frequent.

10412 *Nelumbo gigantea* L. Bull Run Mt.,
" in damp soil in pasture, west Sept. 6, 1942
slope above Broad Run Station Fall River Co.
frequent.

10413 *Smilax* ditto
" in woods, west slope ditto
below High Point cliffs; frequent.

10414 *Smilax* ditto
" near # 10413

10415 *Stenophyllum capillare* (L.) Britton ditto
(2') in thin soil on rocky crevices
of High Point cliffs; abundant
here.

Urtica dioica (L.) Nichols.

in dry soil on rocks at
High Point cliffs;

10416 frequent in dry, sterile soil.
(2')

Bull Run Mt., Va.
Fall River Co.
Sept. 6, 1942
H.A. Allard

10417 *Panicum* ditto
(2') in poor, thin soil at
High Point cliffs; frequent ditto

10418 *Gerardia laevigata* ditto
" in woods near High Point
cliffs frequent.

10419 *Onoclea montana* Willd. ditto
" Bag of acorns from
tree at High Point cliffs.
acorns, short, relatively thick.
(See variations)

10420 *Mosses* ditto
" on acid soils, (sandy) on
rocks shelves at High Point cliffs

10421 *Mosses* ditto
" on soil near # 10420

10422 *Mosses* ditto
in soil on rock shelter
near # 10420

Mosses
on acid sandy soils on
inches at High Point cliffs
10423

Bull Run Mt., Va
Fauquier Co
Sept. 6, 1942
H.A. Allard

Mosses
On soil in wood road
leading from Beverly Mill
10430 to High Point cliffs. H.A. Allard

Bull Run Mt., Va
Fauquier Co
Sept. 6, 1942
H.A. Allard

10424 Mosses
On soil near # 10423

ditto

10431 Mosses
" on soil on rocks at High Point
cliffs.

ditto

10425 Mosses
On soil near # 10423

ditto

10432 Moss
" with # 10430

ditto

10426 Mosses
" on soil near # 10423, on
rock shelves etc.

ditto

10433 Moss
" on soil near High Point
cliffs in woods.

ditto

10427 Mosses
" on soil, same habitat, near # 10423

ditto

10434 Moss
" with # 10433

ditto

10428 Mosses
" on soil on rocks with
10423

ditto

10435 Moss
" on soil with # 10433

ditto

10429 Mosses
" on soil on rocks with
10423

ditto

10436 Moss
" on rocks at High Point:
organic soil, black at base = 4.0 - 4.5 ft.

ditto

Moss
On high organic soil
on rocks at High Point cliffs. Bull Run Mt., Va.
10437 Designated BB. Fauquier Co. Sept. 6, 1942 H.A. Allard

10438 Mosses
" On soil in woods on trail
near High Point cliffs. ditto

10439 Liverworts
" Peltigera?
On soil on wood road east
slope of High Point ridge, on trail from
Beverly Mill to High Point cliffs. ditto

10440 Moss
" On soil on same
near # 10439 ditto

10441 Mosses
" On soil near # 10439
wood, same situation. ditto

10442 Cladonia
" On soil near # 10439 ditto

10443 Moss.
" On soil near # 10439 ditto

Cladonia
apodocarpa? (in fruit) Bull Run Mt., Va.
10444 On soil near Fauquier Co. Sept. 6, 1942 H.A. Allard
" Beverly Mill on trail north of High Point ridge,
east slope, ditto

10445 Cladonia sp.
" On soil near # 10444 ditto

10446 Mosses
" On soil on wood road near
10444 ditto

10447 Cladonia
" On soil on wood road
near # 10444 ditto

10448 Moss.
" (Green on soil) on trail
near High Point cliffs, on soil.
(trail from Beverly Mill to High Point) ditto

10449 Moss.
" with # 10448 ditto

10450 Cladonia
" On soil near Beverly Mill, ditto
on trail, east slope, leading
to High Point cliffs.

Cladonia
On soil on bank in
woods near Beverly

10451 Mill, on trail
" leading up east slope
of ridge to High Point Cliffs.

Bull Run Mt., Va
Fauquier Co.,
Sept. 6, 1942

H.A. Allard.

10452 Mosses (two) Washington, D.C.
" along joints of vertical wall and
sidewall of south Building of Agric.
along Independence Ave. Exceedingly abundant
along the entire street.

Sept. 10, 1942,

H.A. Allard

Exceedingly abundant

all in frt of

street sidewalk Bull Run

Polyg. cretina L. Roads Bull Run Mt., Va

waste ground at Beverly Mill, here Sept. 13, 1942

the only locality in the area; late, blooming.

10453 *Trichotrichia dichotomum* L. Roads Bull Run

Roadside near playmarked; Sept. 13, 1942

abundant here; full bloom.

10454 *Oxalis europaea* Jordan

" with * 10454.

ditto

10455 *Polygonum aviculare* L.

" with * 10453.

ditto

10456 *Polygonum aviculare* L.

" with * 10453.

ditto

10457 *Iponmea hederacea* (L.) Roth

" flowers red; around Beverly Mill in thickets; ditto

abundant; fl. purple, red, white etc.

10458 *Iponmea hederacea* (L.) Roth
Near # 10457; abundant
in thickets.

ditto

10459 *Sida spinosa* L.

in old pasture $\frac{1}{2}$ miles
south of # 50, red slope, near
old house site and barn: frequent.

ditto

10460 *Perilla*

" around old barn and
house site 2 miles south of
50, red slope, here very
abundant. Pale reddish green
leafage.

ditto

10461 *Toura virginiana* L.

" soil in pasture, red
slope 2 miles south of # 50,
near old house site and barn.

ditto

10462 *Oxalis europaea* Jordan

" forma. stems loose living
near # 10460.

ditto

10463 *Hypericum*

" damp soil in pasture
near # 10460, near woods.

ditto

10464 *Leucobryum albidum*

" B. sample = pt.

ditto

Moss
on rock on top of ridge
sample A. see p. H.
10465
" Pond Mt., Va
Fauquier Co
Sept. 13, 1942
H.A. Allard

Gramineae
In pasture on west slope Pond Mt., Va
Fauquier Co
10472 $\frac{1}{2}$ miles south of Thoroughfare Gap H.A. Allard
Sept. 13, 1942
" ditto

10466 Moss or alga on old mushroom
" on log near * 10465 ditto
" in woods on west slope.
(green growth on woody mushroom).

10473 *Imperata cylindrica* var. ^{REICHE}
" at spouting spring.
above Beresley Mill.
Bull Run
Bull Mt.
Sept. 13, 1942

10467 Moss
" on log at ledge at top
" of ridge. ditto

10474 *Leafea degenerata*?
" with *Cirsium* ^{REICHE}
Roadside at Thoroughfare Gap
above Beresley Mill.
= *C. heritiera* Engl. (*C. arvensis* Beyrich.)

10468 " moss
" on dead wood on log
at cliffs - appressed to
surface ditto

10475 *Spiranthes cernua* (L.) Richards ditto
" at spouting spring in
woods, dark, cool soil.

10469 Moss
" on organic soil near
* 10468 ditto

10476 *Malva*
Bull Run Mt., Va
Fauquier Co
Sept. 20, 1942
H.A. Allard.

10470 " moss
" on dead wood at cliffs
near * 10468. ditto

10477 *Hornocea purpurea* (L.) Roth. ditto
" abundant; full bloom.

10471 *Nyssa sylvatica* Marsh
" at cliffs near * 10468. ditto
On this particular tree, leaves
much lobed.

10478 *Eupatorium walteri* L.
" in meadow near Bull Run
station, where abundant. ditto

Corallorhiza wisteriana Conrad. Pond Mt., Va
in woods, ^{1/2 mile} from ^{old cabin} ^{near} Tangier Co
10479 cliff, east slope Sept. 20, 1942 H.G. Allard.
2 miles S. of #50 Highway; frequent; see pt. 1.
taken at and around this cliff.

10480 Moss On stem near #10479 ditto
" " ditto

10481 Moss
" " On low stem near #10479 ditto
" " ditto

10482 Moss
" " On old log near #10479 ditto
" " ditto

10483 Moss
" " On old log near #10479 ditto
" " ditto

10484 Moss
" " On decayed wood etc., ditto
near #10479 ditto
" " ditto

10485 Moss - A
" " On decayed stem near #10484; see pt. 1. ditto
" " ditto

Monotropa uniflora Pond Mt., Va
around old cabin, near Tangier Co
slope near woods, $\frac{1}{2}$ miles ^{old} Sept. 20, 1942
S. of route #50, H.G. Allard.
(2) ^{old} area with pure stand here, in partial shade; frequent.

10487 *Oxalis europaea* Jordani
(4) farma
In pasture near #10486; abundant here.

10488 *Oxalis*
" " ascending on dry pasture ditto
near slope, on hill, $\frac{1}{2}$ mile
S. of route #50; abundant here
" " ditto

10489 *Aster puniceus* L.
" " in damp soil in open, ditto
at Thoroughfare Gap; frequent throughout.

10490 *Polygonum scandens* L.
" " In thickets at Thoroughfare ditto
Gap on route #50; frequent.

10491 *Leptodeira*
(2) Roadside near #10490: abundant here. ditto
" " ditto

10492 *Acalypha*
(3) In waste ground at ^{Berkeley Mill}
Berkeley Mill; common. ditto

Perilla on waste ground at Bull Run Mtn., Va.
 Beverly Mill; abundant throughout, ^{Aug. 4, 1942}
 throughout, ^{Sept. 20, 1942}
 H.A. Allard.

10493 "
 "
 10494 Lichens on rocks,
 " from cliffs 2 miles
 S. of Thoroughfare Gap. ^{Pond Mt., Va}
 " ^{Fauquier Co}
 " ^{Sept. 20, 1942}
 H.A. Allard.

10495 Puff-ball like mushrooms ^{Bull Run Mtn., Va}
 " with red star-shaped mouth ^{Prince William Co}
 On bank along road in valley just ^{Oct. 4, 1942}
 mouth of railroad and Beverly Mill. H.A. Allard.
 = *Calostoma ravenelii* (Berk.) Mass.

10496 *Cladonia verticillata*
 " sandy soil on trail just north of ^{ditto}
 Spouting Spring leading to High Point

10497 *Cladonia*
 " on soil with # 10496 ^{ditto}

10498 *Cladonia*
 " with # 10496 on soil ^{ditto}

10499 *Polygonum erectum* L. Bull Run Mtn., Va
 in waste ground at Fauquier Co
 Beverly Mill, thoroughfare ^{Oct. 4, 1942}
 full bloom; late in fall H.A. Allard.
 blooming

Polygonum perfoliatum Bull Run Mtn., Va
 in waste ground around ^{Oct. 4, 1942}
 Beverly Mill. H.A. Allard

10500 "
 " var. *laevigatum* Fern
f. pallidescens Stanford.

10501 *Polygonum punctatum* L. ^{ditto}
 " with # 10500 ^{Prince William Co}

10502 Bluish green lichen on ^{ditto}
 dead bark. On stump or ^{ditto}
 bank on valley road (near ^{ditto}
 mouth) of Beverly Mill. This valley ^{ditto}
 road crosses railroad just below Beverly Mill.

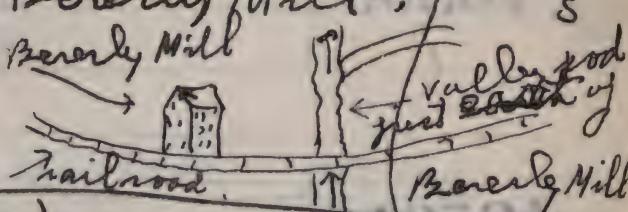
10503 Moss ^{ditto}
 " on soil on bank near # 10502 ^{ditto}

10504 Lichens ^{ditto}
 " on bark of stumps etc ^{ditto}
 with # 10502

10505 Moss ^{ditto}
 " on soil near # 10502 ^{ditto}
 1/4 mile north of Beverly Mill

10506 Moss ^{ditto}
 " on soil on bank ^{ditto}
 with # 10502

Moss
On soil on banks in Bull Run Mtn., Va
valley road leading north Prince William Co
tr. Hagerell Gap, crossing Oct. 4, 1942
10507 R.R. just below Beverly Mill, H.A. allard
" Moss. Beverly Mill W-E
Beverly Mill S



10508 Lichen (Cladonia)
" On soil on bank near # 10507
apothecia cream to slightly pinkish ditto

10509 Lichen (Cladonia)
" On soil of bank near # 10508 ditto

10510 Green alga on soil.
" On damp soil on bank near # 10509 ditto

10511 Moss
" On soil in woods on bank on valley road near # 10509. ditto

10512 Moss
" On roadside bank in woods near # 10509 ditto

10513 Moss
" On soil on bank in woods on valley road, mile N of Beverly Mill. ditto

Cladonia cristatella
red apothecia. f.

Bull Run Mtn., Va
Prince William Co
Oct. 4, 1942
10514 Near # 10509, H.A. allard
" on roadside bank.
" on valley road in open woods

10515 Cladonia
" cut form. on soil
with # 10509 ditto

10516 Cladonia
" apothecia cream colored
On soil on bank with # 10515 ditto

10517 Cladonia apodocarpa Robbins ditto
" On soil on bank with # 10515 ditto

10518 Cladonia cristatella
f.
" apothecia red; Podetia much branched at top: not squamulose
near # 10515 ditto

10519 Cladonia
" (cut-forming)
on soil on bank near # 10515 ditto

10520 Cladonia?
" Apothecia cream-colored.
On soil on bank near # 10515 ditto
same wood road.

Cladonia
cup-form Petr.
10521 on soil in woods
on roadside bank H.A. Allard
" on valley road, 1 mile North of Beverly Mill.

Bull Run Mt., Va
Prince William Co
Oct. 4, 1942

" very
on red soil in run-off
from spring in woods
at flagstone
10528 quarry on east
slope of High Point ridge east of
High Point, at 1000 ft.

Bull Run Mt., Va
Prince William Co
Oct. 4, 1942
H.A. Allard.

10522 Cladonia
" Large cups
" on soil at quarry on east slope ditto
High Point ridge just east of High Point.
This a flagstone quarry near 1800 ft alt.

10523 Cladonia
" (Podetia branched; apothecia
hole cream-colored
with # 10522.

10524 Cladonia
" cup-formed etc
on soil near # 10521

10525 Alga (green)
" on soil at same quarry
with # 10522

10526 Hepaticae and mosses
" in water and wet soil
sticks etc in run-off of spring
on east slope of High Point Bridge
east of High Point (at quarry above)

10527 Moss
" Gametophyte, a green mat
on wet soil; in fruit. Abundant ditto
on damp soil, in pure calcareous
with # 10522.

10529 Hepaticae and mosses
" on soil, red rocks etc ditto
in run-off from spring above,
with 10528 = 10528

10530 Moss in fruit
" on sticks in water at ditto
spring above, with # 10528

10531 Moss on stick
" (with # 10530, in water) ditto
of this spring

10532 Cladonia (2)
" one cup-forming; one with
cream-colored apothecia.
On soil in open at High Point cliffs.
at 1300-1350 feet.

10533 Cladonia
" (small cups) ditto
on soil on High Point trail near
High Point cliffs, in open woods.

10534 Moss
" on exposed soil in pure ditto
calcareous at quarry with
10522

Moss
On side of exposed bank ~~Brill Run mt., Va~~
at flagstone quarry on ~~since William Co~~
10535 east slope of ~~Oct. 4, 1942~~
" High Point ridge east of ~~H.A. Allard~~
High Point cliffs.

10536 *Chelone glabra* L.
"1/ Leaves glaucous beneath; bl. ditto
pink. In woods at spring, in
wet soil near # 10535; full
blooms, rank, 3-4 ft.

10537 *Prenanthes trifoliolata* (L.) Pers. ditto
"1/ In open woods on trail
at crest of ridge near High Point
cliffs; frequent.
= *P. serpentinaria* Pursh says Blake.

10538 Moss on sandstone ~~Pond Mt., Va~~
"1/ rock in front.
On cliffs of Pond Mt., at crest of ~~Fauquier Co.~~
ridge 2 miles south of Thoroughfare Oct. 11, 1942
H.A. Allard, ~~2 miles~~.

10539 Rock lichen common on
"1/ very hard, highly magnetite rock ditto
near # 10538 - small, fine
yellowish green areas: also abundant
at High Point; very hard to collect well.
"1/ Moss on sandstone (after in more granite)
with # 10538 ditto

Rock lichen: fine colonies ~~Pond Mt., Va~~
of dark dots ~~all over~~ ~~Fauquier Co~~
horizon - mostly ~~at crest of~~ sandstone Oct. 11, 1942
10542 at cliff ~~at crest of~~ H.A. Allard,
ridge 2 miles ~~H.A. Allard~~
"1/ S of Thoroughfare ~~gap~~; very
abundant throughout.

10543 Rock lichen
"1/ on rocks at cliffs at ditto
west of ridge near # 10542
10544 Rock lichen.
"1/ Near # 10542 on ditto
cliffs.

10545 Rock lichen
"1/ on quartzite cliff near ditto
10542

10546 Rock lichen
"1/ on quartzite cliff near ditto
10542

10547 Rock lichen
"1/ Smoky-Hawk concular patches ditto
on rocks south of Thoroughfare
gap, near # 10542; on decomposing
granular sandstone.

10548 Blush gray, close, patches ditto
"1/ on shaded rocks mostly in
darker places beneath shelter - more
at foot cliffs near # 10542; sometimes
over large areas of rocks; crustose.

10541 *Cladonia*
"1/ On sandstone rocks near ditto
10538

Mass.
On damp soil on roadside
bank on U.S. #55 near
10549 spring overflows
" at Thoroughfare Gap.

Pond Mountain,
Fauquier Co
Oct. 11, 1942
H.G. Allard.

Cladonia
Like cristatella but flesh-
colored apothecia
10556 Pond Mt., Va
Fauquier Co
Oct. 11, 1942
H.G. Allard.
" on soil on
bank with # 10552.

10550 *Aster tataricus* L
(8, In dense thickets on
U.S. #55 at west end of Thoroughfare Gap. Oct. 11, 1942
H.G. Allard
a large colony, vigorous, 6 ft. tall, full
blown. An escape, and first record for Va;
" Has also escaped from many gardens at D. C. and
Parks, Va., to roadside by seed.
Shaggy
with # 10549

10552 Cladonia
" On bank by roadside on U.S. 55
at Thoroughfare Gap.

10553 Cladonia
" with # 10552 (on soil)

10554 Cladonia
" with # 10552 (on soil)

10555 Cladonia
" with # 10552 (on soil)

Bull Run Mt., Va
Fauquier Co
Oct. 11, 1942

ditto
Pond, Mt.

ditto

ditto

ditto

10557 Mass.
" On soil on bank
near # 10552

10558 Cladonia + moss.
" on soil with # 10552
(Cladonia gray. of reindeer type)

10559 Cladonia
" On soil near # 10552

10560 Cladonia
" On soil near # 10552

10561 Cladonia
" Tall, slender podetia with small
terminal cups
On soil near # 10552

10562 Cladonia cristatella
" apothecia red, branched.
On soil with # 10552

ditto

ditto

ditto

ditto

ditto

ditto

Cladonia (cups) exposed
10563 On soil on bank on U.S. 55 Oct. 11, 1942
at Thoroughfare Gap. H.A. Allard

Pond Mt., Va
Fauquier Co

Oct. 11, 1942
H.A. Allard

10564 Cladonia
One - C. cristatella (and
" on with cups of growing on moss
Lemcophyllum albidum on soil
with # 10563 ditto

10565 Cladonia cristatella
" (red apothecia)
on soil with # 10563 ditto

10566 Moss.
" On soil on bank with # 10563 ditto
10563. Infus.

10567 Moss.
" On soil on bank near
10563 ditto

10568 Cladonia
" on soil on bank near
10563 ditto

10569 Cladonia
" Cups + another
On soil with # 10563. ditto

Cladonia
One with flesh-colored apothecia
10570 On soil on bank
" on # U.S. 55 at
" Thoroughfare Gap. Pond Mt., Va
Fauquier Co
Oct. 11, 1942
H.A. Allard

10571 Cladonia
" on soil on bank with
10570. very unusual
apotheciae. ditto

10572 Cladonia
" flesh-colored apothecia etc
on soil with # 10570. ditto

10573 Cladonia.
" some peculiar in form.
on soil with # 10570 ditto

10574 Cladonia cristatella
" (red apothecia) forms
on soil on bank with # 10570. ditto

10575 Sphaerularia marylandica L
" in thickets on # 55
at west end of Thoroughfare Gap.
Past flowering if record only. ditto

10576 Aster cordifolius L
" (rays blue)
Rich woods, west slope, mile
s. of Thoroughfare Gap. ditto

Aster paniculatus Lam Pond Mt., Va
(bluish rays) ^{Pond Mt., Va}
Foodside on U.S. #55 Fangman Co
10577 at Thoroughfare Gap Oct. 11, 1942
(21) in open wet ground. H.A. Allard.
Full bloom.

10578 *Aster pilosus*
(b) var. platyphyllus (T.P.G.) Blake ditto
abundant, full bloom in damp,
open ground on U.S. #55 south side
at Thoroughfare Gap.

10579 Hepaticae.
" on thin soil on rocks ditto
near # 10578

10580 *Cladonia* etc
" with # 10578 on
soil on rocks etc ditto

10581 *Cladonia*.
" Like *cristatella*, but light-colored ditto
apothecia. On soil with # 10578 on
rocks on # 55 at Thoroughfare Gap.

10582 Gray dove-growing lichen
bundles on pure quartz rock faces Bull Run Mt.
(3) at High Point Cliffs Fangman Co Va
(Parmelia like, very abundant.) Oct. 18, 1942
H.A. Allard.

10583 Dove-yellowish colonies in lichen
extending pure colonies on pure
quartz at High Point Cliffs ditto
abundant

Fine gray, fibrous lichen on rocks
at High Point Cliffs.

10584

"

10585 Same as # 10584?
" with # 10584 ditto

10586 Green algae?
" on rocks shaded in
crevices etc near # 10584 ditto

10587 Smokey gray patches of lighter
on pure quartz at High Point ditto
" lichen
cliffs

10588 No 10583 competing with
" dove papillate gray crustose
lichen at High Point cliffs. ditto
abundant.

10589 *Quercus phellos* L. Prince William
Co. Oct. 18, 1942
" acorns and cups with of Beverly
milk, valley hill road near cemetery.

10590 *Quercus alba* L.
" acorns and cups tree on land slope High Point
ridge near High Point, see *Quercus* ditto
Normal size and form, fruit large)

Quercus alba L. Bull Run M.T., Va.
Acorns + cups: Tree Prince William Co
on east slope of High Point Oct. 18, 1942

10591 ridge near High H.A. Allard,
Point cliffs: acorns exceptionally
large, as at cups. Compare with
* 10590. A = across edge cup = 2.1 cm.
B = Height cup outside = 1.2 cm.
C = dia. scar within base of stem = 1.3 cm.
D Mid-dia. across cup outside = 2.5 cm.
E greatest dia. mpt. = 1.9 cm. (almost globose)
F. Edge cup to base tip of acorn = 1.4 cm.
G Entire length mpt. = 1.7 cm. ^{front part} _{tail}
Cladonia? on soil at High Point cliffs; Bull Run M.T., Va.
scarce "Reindeer-like", Fangman Co
Oct. 18, 1942 H.A. Allard.

10592 Cladonia? ditto
" on soil at High Point cliffs ditto
10593 Cladonia? ditto
" on soil at High Point cliff ditto
10594 Cladonia mostly cup-form, ditto
" but some cristatella forms ditto
On soil on woodroad on west slope
leading from Beverly Mill to High Point.

10595 ~~Umbilicaria punctulata~~ ^{hypoglycmaea} Hoffm.
(1) black beneath. On cliff ditto
at High Point where very abundant ditto
competing in places, with # 10596.
Ident. by W.W. Diehl after comparison with their collections.

10596 *Gyrophora dilennii* (Trich.) Arn.
(2) On cliff, with # 10595 and ditto
competing with it in places. Prefers
exposed and dense granite rocks here.
Ident. by W.W. Diehl after comparison with their collections.

10597 *Oxalis* ditto
" creeping, ditto
On woodroad east slope of
High Point ridge north of Beverly Mill.

10598 *Umbilicaria punctulata* (L.) Hoffm. Bull Run M.T., Va.
Fangman Co
One specimen found growing
with # 10595 at High Point.
H.A. Allard.
Note this gray beneath, unlike
" # 10595 which is black.

10599 *Lycoperdon pyriforme* Bull Run M.T., Va.
Prince William Co
Oct. 25, 1942 H.A. Allard
" Large colonies on
rotten wood in soil on east
slope of White Rock Ridge north
of Hagerhill Gap 1 1/2 miles.

10600 *Umbilicaria punctulata* (L.) Hoffm. ditto
(2) Large colonies on siliceous rocks at crest
of ridge near # 10599, intermingling with
boulders covered with one some with the other.
abundant here. (Thallus)
10601 *Umbilicaria hypoglycmaea* Hoffm.
(#1 with # 10600; thallus
(black beneath)) ditto
10602 *Dyraphora dilennii* (Trich.) Arn.
" with # 10600 and 10601, but ditto
here much less abundant.

10603 Dark lichen -
Black dots ditto
" on ledges on ridge crest of ditto
Mrs. Gashby's - where chestnut tree shooting is
1 mile N. of Hagerhill Gap.

10604 Thin gray rock lichen
" near # 10603 ditto
Is this same as # 10584?

close-growing, yellowish Bull Run Mt., Va
lichen on siliceous rocks Prince William Co
on ridge west above Chestnut Oct. 25, 1942

10605 tree spring is H.A. Allard.

" situated; 1st 2nd ridge west of Mrs. Ashby's, and
1 mile N. of Hopewell Haf.

(Same species as #10583.

10606 *Phoradendron flavescens* (Pursh) Milt.
" in valley north of Hopewell Haf and ditto
west of Antioch, on red maybe slightly rounded
in area. Just in anthesis; strictly *shamrock*,
but abutting with as it seems. See previous records

10607 for same plant.

" Lichen on soil at chestnut tree
spring; north of Hopewell Haf road $\frac{1}{2}$ mile, ditto

10608 *Cladonia* on side slope of
" in woods on east slope of
chestnut tree spring ridge
and N. of Hopewell Haf $\frac{1}{2}$ mile
(Apothecia pink)

10609 *Cladonia cristatella*
" apothecia red ditto
on soil on ridge west of chestnut tree
spring ridge 1 mile N. of Hopewell Haf.

10610 Lichen; *Cladonia*?
" on soil with # 10609 ditto

10611 *Cladonia*
" on soil on ridge directly
north of Owen's property, north up
Hopewell Haf 1 mile; on white rock
ridge.

Cladonia verticillata Bull Run Mt., Va
Prince William Co
Oct. 25, 1942
H.A. Allard.

10612

On soil in woods on west slope of
Chestnut Tree Spring ridge Prince William Co

10613 *Cladonia* (very distinctive
species, large) ditto

" on soil at cliff
near # 10609 ditto

10614 *Cladonia* ditto
" greenish, reindeer type in
patches ditto

10615 *Cladonia* ditto
" on soil near # 10613 ditto

10616 *Cladonia* ditto
" on soil near # 10613 ditto

10617 *Cladonia*
(large cups) ditto
" on soil with # 10613 ditto

10618 *Cladonia* ditto
" on soil with # 10613 ditto

Cladonia. On soil Bull Run Mt., Va
at cliff, on chestnut tree Prince William Co
Spring ridge, 1 mile Prince William Co
Oct. 25, 1942
10619 north of Hagerell H.A. Allard.
" H.A. Allard.

10620 Cladonia
" on soil with #10619

ditto

10621 Hepatic. Chestnut tree
" in wet soil at spring with
" in Valley $\frac{1}{2}$ mile N. of
Hagerell H.A. and just west of Antioch.

ditto

10622 Cladonia

" On soil near #10621

ditto

10623 Cladonia
" On soil with #10619
Long, slender, furcous

ditto

10624 Cladonia
" (apothecia flesh colored)
On soil on rock near #10619
at Chestnut tree spring. 10621

ditto

10625 On soil in bare interspaces
" in old burrowed field
just north of Chestnut tree spring
 $\frac{1}{2}$ mile N. of Hagerell H.A., and just west
of Antioch.

Bull Run Mt., Va
Prince William Co
Oct. 25, 1942
H.A. Allard.
10626 north of Hagerell H.A. $\frac{1}{2}$ mile,
" and just west of Antioch.

10627 Light green moss
" near Chestnut tree spring,
in moist soil

ditto

Leucobryum

10628 Lichen on soil (Cladonia ?)
" On moist soil near #10626

ditto

10629 Cladonia

" On soil at maple tree with
mistletoe, just s. of Chestnut
tree spring. (Apothecia white)

ditto

10630 Moss

" a distinctive, threadlike species
growing in wet soil, almost in the cold
water of the spring in deep depression
of Chestnut tree Spring above.

ditto

10631 Cladonia (cup-shaped)

" On soil on banks of wood road
leading to mistletoe and Chestnut
tree spring $\frac{1}{2}$ mile N. of Hagerell H.A.

ditto

10632 On soil of banks on

" wood road, near #10631.

ditto

Mosses.
On moist soil around Bull Run Mt., Va
Chester tree spring Prince William Co
1/2 mile N. of Hagerstown Oct. 25, 1942
10633 and just west H.A. Allard.
" of antithesis.

10634 Moss
" On moist rocks near
10633

ditto

10635 *Hypolechia dilatata* (Tuck.) Arn. ditto
" On cliffs near White Forks - in on
ridge just east, growing with # 10600 and
10601

10636 Crustose rock lichens. Bull Run Mt., Va
" On rocks at High Point
cliffs. Fangmier Co
Nov. 8, 1942
H.A. Allard.

10637 Bright yellow rock lichens
in shaded crevices.
with # 10636

ditto

10638 Rock lichens near # 10636.
" In shaded crevices.

ditto

10639 Rock lichens
with # 10636.

ditto

Rock lichens, small, blackish
in frequent - On pure, smooth
parts, faces, vertical.
10640 Near # 10636.
" H.A. Allard.

Bull Run Mt., Va
Fangmier Co
Nov. 8, 1942
H.A. Allard.

10641 Small, gray delicate rock
lichens.
" On gritty rocks near # 10636.

ditto

10642 Rock lichens.
" Near # 10636.

ditto

10643 Crustose rock lichens
" Near # 10636.

ditto

10644 Rock lichens
" Near # 10636.

ditto

10645 Rock lichens
" Near # 10636.

ditto

10646 Rock lichens.
" Near 10636.

ditto

Crustose rock lichens, Bull Run Mt., Va
On rocks at High Point
cliffs. Fangmier to
Nov. 8, 1942
H. A. Allard

10647 (3)

10648 Rock lichens
" Near # 10647.

10649 Rock lichens.
" Near # 10647

10650 Rock lichens
" Near # 10647

10651 small flat rock
lichens, on vertical, smooth
quartz rocks at High Point Cliffs
" ditto

10652 Oak leaves with mildew
" bunting. Near High Point Cliffs
= Phylactinia corylea Pers. & Karst.
(Det. by J. Stevenson)

10653 Cladonia
" Reindeer group.
on soil near # 10652

10654 Cladonia rangiferina
on soil at High Point cliffs;
rare in area
" ditto

10655 Cladonia
" on soil on rock shelves near
10654 ditto

10656 Lichen - Cladonia?
" on soil near # 10654 ditto

10657 Cladonia; cup-form
" on soil near # 10654 ditto

10658 Moss
" on soil at foot of cliffs
near # 10654 ditto

10659 Cladonia
" on soil on bank near
Berkeley Mill ditto

10660 Cladonia
(cup-form)
" near # 10659 ditto

Cladonia cistatella ^{Bull Run Mt., Va}
 farms. ^{Fairquier Co}
 10661 On soil on bank ^{Nov. 8, 1942}
 of wood road ^{H.A. Allard}
 " near Beverly Mill

10662 *Cladonia cistatella* farms ^{ditto}
 " Near # 10661

10663 *Hepatic*? ^{Mass}
 " In shade of damp soil deep ^{ditto}
 beneath overhanging rocks
 at High Point Cliffs

10664 *Cladonia* ^{ditto}
 " On soil on rock shelves
 at High Point Cliffs

10665 Lichen on soil - *Cladonia*? ^{ditto}
 " at High Point Cliffs near
 # 10664

10666 ^{Mass}
 " on soil near # 10664 ^{ditto}

10667 ^{Mass}
 " In deep shade far back ^{ditto}
 in crevices on damp soil
 beneath rocky overhang near
 # 10664

10668 ^{Mass}
 In shade beneath ^{rock overhang, near}
 " ^{# 10664} ^{ditto}
 " Nov. 8, 1942

10669 *Cladonia* ^{ditto}
 " (on farm)
 Near # 10661

10670 *Cladonia* ^{ditto}
 " on soil near # 10661

10671 *Cladonia* ^{ditto}
 " On soil at High Point Cliffs

10672 ^{Mass}
 " In deep shade of rock
 overhang at High Point Cliffs ^{ditto}
 on moist soil.

10673 *Cladonia* ^{ditto}
 " Reindeer-like
 on soil on rock shelves
 near # 10671; abundant here.

10674 *Duboisia Hopwoodii*, ^{Bethelville, Md}
 " from a Bethelville in ^{greenhouse from seed received}
 from Australia in the Terry Nov. 5, 1942 ^{bl. white}
 first bloom ^{ditto}

Rock lichens
on ledges of knoll south
10675 of Beverly Mill
" 3 1/2 - 4 miles.

Pond Mt., Va
Fauquier Co
Nov. 15, 1942
H.A. Allard.

Rock lichens
on cliffs of knoll
10682 3 1/2 - 4 miles
" south of Thoroughfare Gap.
Pond Mt., Va
Fauquier Co
Nov. 15, 1942
H.A. Allard

10676 Rock lichens.
" Near # 10675

ditto

ditto

ditto

ditto

ditto

ditto

10677 Rock lichens
" Near # 10675

10683 Rock lichens
Large black areas on granite
" Near # 10682

ditto

10684 Rock lichens
" Near # 10682

ditto

10685 Rock lichens
" Near # 10682

ditto

10686 Rock lichens
" Near # 10682

ditto

10687 cladonia cristatella form farinosa
" on dry, exposed roadside bank - Fauquier
Co., 1/2 mile S. of Beverly Mill, on
West Baltimore highway along
east slope

Pond Mt.

Nov. 15, 1942

H.A. Allard

ditto

10688 Mass on soil
" Near # 10687

ditto

Cladonia

(reindeer farm)

10689 On roadside bank
on highway between
" Baltimore, south of
Beverly Mill 1 mile

Pond Mt., Va
Fairfax Co.
Nov. 15, 1942
H.A. Allard

10690 *Cladonia*

(reindeer type)
On soil at contact of dry
oak woodland with old
pasture, 2 1/2 miles south of # 55.

ditto

10691 *Cladonia*

" In same locality and situation
near # 10690
(reindeer farm).

ditto

10692 *Cladonia*

(reindeer farm)
Near # 10690, same
habitat.

ditto

10693 *Cladonia*

(reindeer farm)
Near # 10690 in same
habitat.

ditto

10694 *Cladonia*

" On soil, east slope, in dry
oak woodland, 3 1/2 miles S. of
Beverly Mill. Aporthezia brownii.

ditto

10695 *Hepatic*

" On soil in woodland, practically
bare of vegetation near # 10694

ditto

Cladonia

(reindeer farm)

10696 On soil in dry woods
on east slope 3 miles H.A. Allard
" S. of Beverly Mill; abundant
generally.

Pond Mt., Va
Fairfax Co.
Nov. 15, 1942

10697 *Cladonia*

" reindeer light, worse
stubby). On soil in dry, scrubby
oak wood on east slope 3 miles
S. of Beverly Mill.

ditto

10698 *Cladonia*

" Same as and growing
with # 10697

ditto

10699 *Mosses*

12/ On soil in turtle enclosure, Arlington,
on H.A. Allard's grounds at Arlington, Arlington Co., Va. January 17, 1943 Va.

H.A. Allard 2nd

Jan. 17, 1943

10700 *Duboisia hopwoodii*

12/ from
Dept. of Agric., Sydney Australia (see letter 1940 or 41)
Received 1-5-42 at 2-2-42. Tothunks 2-8-42. Arlington, Va., then
104 in 3-15-42. Tothunks 4-10-42. at 4 in high. material in Va., then
F.B. 11-2-42. at 4 ft. very little material in Va., then
carried there to Beltsville museum.

H.A. Allard 2nd

P.E.T. 140.628

10701 November 22, 1942.

" *Cladonia* + mosses
along good road 4 miles S. of
Beverly Mill, on wooded ridge
east. (This number is out of date
order.)

Pond Mt., Va

Fairfax Co.

Nov 22, 1942

H.A. Allard,

10702 *Cladonia*

" Aporthezia pinki.
On soil near # 10701

ditto

(out of date order)

Cladonia Pond Mt. Va
On soil on bank on wood - Fangtier Co
road south of Thoroughfare Nov. 22, 1942
10703 Gaf 4 miles (near) H.A. Allard.
" 10702.
(Out of date order by oversight)

Hepatic. ^{gt. forest of big} Bull Run Mt., Va
^{chert outcrops at High Point} ~~Piney Woods~~ ^{Bull Run}
Cliffs 3 miles North of ^{March 14, 1943}
10710 Thoroughfare Gaf. H.A. Allard.
"

10704 *umbilicaria pennsylvanica* Bull Run Mountains, Va
⁽³¹⁾ ^{Fangtier Co}
Cliffs at High Point ^{Hop. March 14, 1942}
N. of Thoroughfare Gaf. ^{Hop. H.A. Allard.}
beneath. Very abundant. ^{March 14, 1942}

10705 *Dyrophaea diffusa* (Trem.) Arn. ditto
" with # 10704 - competing; abundant.

10706 Moss ^{on damp crevices of rocks at} ditto
" ^{High Point cliffs.}

10707 Moss ^{on damp crevices near # 10706.} ditto

10708 Moss ^{on damp rocks near # 10706.} ditto

10709 Moss ^{with # 10706, same} ditto
habitat.

10711 *Cladonia* (wavy-shaped) ditto
" on soil on bank of wood road
just north of Thoroughfare Gaf.
east slope of High Point Ridge.

10712 *Cladonia cristatella* ? ditto
" on soil near # 10711
apothecia red.

10713 *Cladonia* ditto
" on soil on bank near # 10711

10714 *Cladonia* ditto
" on soil near # 10713.

10715 *Mosses* Pond Mt., Va
" on Triassic Border Conglomerate Fangtier Co
on right bank of Broad Run March 21, 1943
1 mile S. of Thoroughfare Gaf. H.A. Allard.

10716 *Mosses* ditto
" on same conglomerate cliffs ditto
with # 10715

Buck-lichen (white patches)
on smooth banks of red
maple trees in spring

Pond Rts., Va.
South of Thoroughfare Gap
March 21, 1943.
H.A. Allard

10717 $\frac{1}{2}$ miles S of Thoroughfare Gap, east of New Baltimore highway.
Fauquier Co.

10718 *Canthocorus stizophyllus* (L.) Link
(2) On high Border conglomerate cliff ditto
(Triassic) on right bank of Broad Run
south of Thoroughfare Gap 1 mile growing
in marsh # Very abundant here; very
rare elsewhere.

10719 Mosses
" on same conglomerate near
10718 ditto

10720 Moss
" on same conglomerate with ditto
* 10718 ditto

10721 Mosses
" on same conglomerate cliff ditto
with # 10718 ditto

10722 Moss
" on same cliff with * 10718 ditto

10723 Moss
" on same cliff with # 10718 ditto

Moss on same conglomerate
cliffs in which walking fern
* 10718 was growing in
abundance.

Pond Mt., Va.
Fauquier Co.
March 21, 1943
H.A. Allard.

10724

"

10725 *Pellaea glabella* Mett. ditto
" on same conglomerate cliff
with # 10718; the only locality
and a few plants only. Very rare.

10726 Moss (same as 10724)
" on same conglomerate cliff
in which walking fern * 10718
was growing profusely. ditto

10727 *Asplenium trichomanes* L.
" and a *selaginella*? ditto
on same conglomerate cliff with
10718 etc. The only known (in area)
locality; very infrequent. A new record.

10728 *Cladonia* (gray reindeer)
" on soil at edge of wood 2 miles south ditto
of Thoroughfare Gap and near Broad
Run

10729 *Cladonia furcata* ditto
" form. with # 10728 ditto

10730 Moss. On soil
" on Triassic Basal conglomerate cliffs, ditto
1 1/2-2 miles south of Thoroughfare Gap, ditto
on right bank of Broad Run.

10732 Moss Pond Mt., Va
On Triassic Border conglomerate, Fangmier Co
cliffs, right bank of Broad Run March 21, 1943
south of Thoroughfare Gap H.G. Allard.
10733 " 1 mile.
Walking fern growing in this also
as in the larger, coarser mass #10724.

10732 Moss
" In heavily deciduous woods
south of Thoroughfare Gap 2 miles; ditto
along wood road.
On soil

10733 Moss
" beautiful green mats at base of
oak trees etc (north side) in lower ditto
deciduous woods 2 miles S of
Thoroughfare Gap and $\frac{1}{2}$ mile east of
New Baltimore highway. Very bright! in colonies.

10734 Moss
" On old log in same woods
near #10733 ditto

10735 Moss
" At base of oak tree in same
woods near #10733; north side ditto
of tree.

10736 Cladonia
" (apothecia brown)
On log in woods near #10735 ditto
on bank.

10737 Moss
" On soil in H.G. Allard's 3000-7th St., North,
Garden, 3000-7th St., N., Arlington, Va.
Arlington Co.
March 28, 1943
H.G. Allard

10738 Moss
base of tree 2 miles, down
Broad Run near
Thoroughfare Gap H.G. Allard.
10738 bank (right).
" ditto

10739 Hepatic
" On north side of ash trees 5-6 ft.
base ground on right bank of Broad Run
2-2 miles below Thoroughfare Gap. Triassic
color dark reddish brown.

10740 Hepatic
" (color dark reddish brown)
" On bark of tree, north side, ditto
near #10738. Triassic

10741 Hepatic
" On bark of tree near ditto
#10738. Triassic

10742 Hepatic (thallose) + moss
" On thin soil on Triassic Border
conglomerate cliffs 1 mile below ditto
Thoroughfare Gap, right bank of Broad Run Triassic

10743 Hepatic (rosettes, green) leaves with
midrib + moss ditto
On soil on same cliff with ditto
#10742 Triassic rocks

10744

Nefatil foliage. - Pond Mt., Va., Tanguier Co
on slopes of border - Triassic area -
conglomerate (Triassic) April 4, 1943

10745 on right bank of H.A. Allard
" Broad Run ~~southern~~ H.A. Allard
Thoroughfare Gap 1 mile. (Triassic)

10746 Moss
on trunk of tree on right ditto
bank of Broad Run 2 miles below (Triassic)
Thoroughfare Gap, on Triassic area.

10747 Poa cuspidata Nutt.
(3) on same cliffs near # 10745 ditto
in heavy deciduous woods, north (Triassic)
slope: The only known locality here.

10748 Conocephalus conicus (L.) Dum. ditto
(3) on bank of Broad Run, right bank,
1 mile below Thoroughfare Gap; abundant;
fruiting. (Triassic)

10749 Poly podium vulgare L.
(2) on mossy banks on same
conglomerate cliffs with # 10745;
abundant.

10750 Luzula echinata (Savall) Hermann ^{Bald Run}
" (3) in dry oak woods south slope ^{Tanguier}
at Spouting Spring, Thoroughfare Gap, April 18, 1943
H.A. Allard, Co.

10751 Antennaria neglecta Greene
" in close cropped pasture just south of
Thoroughfare Gap 2 miles; abundant.

Tarapaeum laevigatum (Willd.) D.C. ^{Pond Mt., Va}
Tanguier Co
April 18, 1943

10752 - on moist bank
" at Spouting Spring: a few plants,
in full bloom; small, infrequent.

10753 ¹⁷⁴⁵² on soil ^{Pond Mt.,}
at foot of tree on right ^{same data}
" bank of Broad Run, Triassic ^{otherwise}
2 miles down, below Beverly Mill.

10754 Carex ~~frigida~~ frigida L. ^{March}
" at edge of dry woods 1 mile ditto
below Beverly Mill, near
Broad Run, full bloom.

10755 Rigia virginica (L.) Willd.
" in close cropped pasture, on ditto
steep slope, $\frac{1}{2}$ mile below Thoroughfare Gap.
Frequent, full bloom.

10756 Erythronium americanum Ker ditto
(3) on flood plain of Broad Run
on Triassic area; right bank 2 miles
below Beverly Mill, bl. yellow

10757 Lichen. greenish areas with
" black dots on ^{young} tubif. poplars in old ditto
pasture $\frac{1}{2}$ miles S. of Beverly Mill.

10758 Staphylera trifolia L. ^{same data}
(4) at edge of thicket at ^{but date = May 9, 1943}
Thoroughfare Gap, on south ^{side of # 55, Pond Mt. slope}
side of # 55, Pond Mt. slope; infrequent.
full flower; attractive.

Carep artitexta Markv
In deciduous woods, near Pond Mt., Va.,
slope 2 miles south of Thoroughfare Gap. May 9, 1943
10759 H.A. Allard
" Frequent in dry woods.

10760 *Carep lapiiflora* Linn. v
Broad-leaved; near # 10759 ditto
Frequent in woods throughout.

10761 *Carep scirpus planifolius* Muhl.
" small; in woods with # 10759. ditto

10762 *Carep artitexta* Markv
near, # 10759 ditto

10763 *Carep platyphylla* Greene
" in woods west slope near
* 1 mile south of Thoroughfare Gap
(Broad-leaved) frequent. ditto

10764 *Gaultheria procumbens* L
" in woods on Pond Mountain at ditto
55 at Thoroughfare Gap; Rare here, and
the only known locality in area.

10765 *Cardamine pensylvanica* Muhl
" in moist deciduous woods, west slope ditto
1 mile south of Thoroughfare Gap; frequent.
Full bloom.

Polygonum biflorum (Walt.) Ell. ^{Pond Mt., Va.}
In moist, rich woods west slope 1 mile ⁺ ~~Thoroughfare~~ Gap. May 9, 1943
10766 H.A. Allard
" Frequent.

sororia Willd v
10767 *Viola septentrionalis* Greene
" Blue; lateral petal bearded. In
pasture at old barn, west slope
2 miles south of Thoroughfare Gap.
(near to area.) ditto

10768 *Viola sororia* Willd Greene
" Fl. blue:
On dry pasture hillside near
10767 (near to area) ditto

10769 *Cardamine pensylvanica* Muhl. ditto
" in coal, wooded swampy ground
south of Thoroughfare Gap, west slope; the
first swampy soil from # 55.

10770 Hepatic
" On vertical, rocky bank at railroad ditto
cut at Beverly Mill, Thoroughfare Gap.
(capsules present)

10771 *Rhododendron* Bull Run Mt., Va.
" On wooded slope just above ~~Thoroughfare~~ Co.,
Sporting Spring, Thoroughfare Gap. May 9, 1943
H.A. Allard
Full bloom.

10772 *Ariotida* ditto
" On dry bank at Sporting Spring, ditto
near # 10771.

Sphenopholis obtusata (Muhl.) Scribn. ^{Bull Run Mt., Va}
In moist woods at Spouting Spring, ^{May 9, 1943}
10773 above Beverly Mill. ^{Tangier Co} H.A. Allard.
" " Frequent. Just coming into flower.)

10774 *Luzula echinata* (Small) Hermanns ⁺
" Near # 10773 ditto

10775 *Saxifraga pensylvanica* L.
" In cold wet swamp soil, wooded, ^{ditto}
1/4 mile south of #55, Thoroughfare Gap,
west slope. The first swamp south of highway.
my first record; rare; only 2-3 plants found; just
in flower.

10776 Leaf spout - Large dots on underside
leaves of *Haukleria procumbens* ^(= #1076 4) ditto

10777 ^{Mass}
" In soil and on rocks in
wet area at spring in woods,
west slope just south 1/4-1/2 mile
of Thoroughfare Gap, spring 52° F.
rising from bank or ravine to form terrace
south of #55.)

10778 ^{Mass}
" Very beautiful bright green, at
base of tree with # 10777 ditto

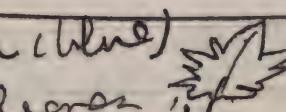
10779 ^{Mass}
" On gravel soil in brook
with # 10777 ditto

Mass
at base of tree in
wet soil at spring with
10780 * 10777. ^{ditto}
" "

Pond Mt., Va
Tangier Co
May 23, 1943
H.A. Allard.

10781 ^{Mass}
In wet soil at spring
" with # 10777 ditto

10782 ^{Mass}
In wet soil in water, ^{wet} on rocks
" with # 10777. Rather infrequent. ditto

10783 *Viola (blue)*   ^{tril} ditto
(2) Lobed leaves ⁺
In woods, rich, shaded, deciduous,
west slope 2 miles south of #55,
Thoroughfare Gap. = *V. triloba* Schneid.

10784 *Viola (blue) septentrionalis* Green ditto
(2) Growing beside # 10783, same
locality. O.K. by C.O. Erlanson.

10785 *Veronica*
" In pasture west slope 2 1/2 miles S of
Thoroughfare Gap, near old barn and
house site; abundant. ditto

10786 *Geranium*
" Near # 10785; frequent in
old fields, pastures ditto

Convolvulus

In old wheat field at old
house site 2 1/2 miles
10787 south of Thoroughfare Gap, on
west slope; frequent.

Pond Mt., Va

Tangier Co
May 23, 1943

H.A. Allard

salsif
Beside highway at #55, west end of Pond Mt., Va
of Tangier Co
Thoroughfare Gap.
May 23, 1943

10794

"

of Tangier Co
May 23, 1943
H.A. Allard

10788 Ranunculus bulbosus L

" in same pasture near # 10787,
i.e. at house site; very abundant,
not browsed by cattle here.

ditto

10789 Carex leavenworthii Deyen

" in same pasture with # 10788; ditto
abundant.

10790 Carex hirsutella Mack

" in pasture, west slope 2 miles
south of Thoroughfare Gap.

ditto

10791 Viola sororia Willd.

(b) blue fl.
In thickets on hillside beyond
1st swamp (1 mile S of Thoroughfare Gap)
on west slope on way to old barn;

ditto

10792 Viola sept.

" growing with # 10791; many
very hairy plants here

ditto

10793 Geranium

(2) Growing near # 10788;
frequent.

ditto

10795

"

" in 1st swamp 1/4 mile south of
Thoroughfare Gap, west slope, on way to
old house site # 10788

ditto

10796 Celtis

(2) in swamp woodland with
10795, same locality; tree.

ditto

10797 Celtis

(3) with # 10795; stems pubescent ditto

10798 Carex rosea Schlechter

" growing in same swamp with
10795

ditto

10799 Carex grisea Vahl

" in swamp with # 10795;
frequent

ditto

10800 Carex grisea Vahl.

" with # 10799

ditto

Carex cespitosa Link. Pond Mt., Va
In pasture at old barn, west slope, Tangier Co
2 1/2 miles south of May 23, 1943
10801 Thorofare Gap; abundant H.G. Allard.
(2) here Ident by F. J. Hermann

10802 *Viola pedata* L. ditto
" Dry hillside pasture 1/2 mile
south of #55, west slope. O.K. by G.O. Emerson

10803 *Vitis* (2) along railroad just above Bull Run Mt
Beverly Mill. (white woolly beneath, deeply lobed)

10804 *Vitis* similar
" along railroad near #10803 (ditto)

10805 *Vitis* (3) white woolly beneath, deeply lobed
along railroad above Beverly Mill. (ditto)

10806 *Vitis labrusca* L. ditto
" along railroad just above Beverly Mill.

10807 *Vitis labrusca* L. Pond Mt.
" at bridge over #55 just same date
west of Thorofare Gap, west slope.

Viburnum prunifolium L. Pond Mt., Va
in low ground pasture at
10808 first ravine, 1/4 mi. Tangier Co.
" south of #55, west slope. May 23, 1943
H.G. Allard.

10809 *Amelanchier arborea* (Michx.) Fern. ditto
(3) at cliffs at Buggard nest (" s.)
3 1/2 miles S. of Thorofare Gap.
Shrubby - 8-9 ft. high; 1 in. at base.
Flowers reddening; abundant.

10810 *Rhus toxicodendron* L. ditto
(2) tall, shrubby, scrambling, foliage
light green; full bloom. Growing
together with #10811.

10811 *Rhus* (3) growing with #10810, but not as
tall, more shrubby and branching,
with darker green leaves, and nod in
flowers not budded; abundant here.

10812 *Dioscorea* ditto
" at cliffs in rich deciduous
woods near #10810

10813 *Amelanchier arborea* (Michx.) Fern. ditto
(2) Near #10809, at same
cliffs.

10814 *Rubus* ditto
" growing in humus etc in
left of highest cliffs near #10809.
1. floricanes.
1. primocanes.

Rubus occidentalis L. Pond Mt., Va
10815 at cliffs 2½ miles Fangmier Co.,
south of Thoroughfare Gap. H. A. Allard
(2) (See Ternald's treatment?)

Vitis labrusca L. Bull Run Mt., Va
non ^{at} bridge on Fangmier Co.,
May 23, 1943
10822 west end of Thoroughfare H. A. Allard
Gap, near Broad Run. Pond Mt.,
same data

10823 *Vitis labrusca* L. ditto
" along railroad just above same data
Berkeley Mill. No labrusca in bloom yet.

10824 *Polygonatum* ditto
(2) Rich woods, west slope 1½ miles
south of Thoroughfare Gap; abundant ditto

10825 *Aplectrum hyemale* (Muhl.) Torr. ditto
" Rich woods, (in ferns layer) just
south of Thoroughfare Gap, west slope.
Just in flower.

10826 *Corylus avellana* Vahl H. A. Allard
(2) In Allard's garden in shade, 7000-7500 ft., N.
in little enclosure; a large clump May 30, 1943
Ident by Dr T. J. Hermann H. A. Allard

10827 *Allium canadense* L. ditto
" in woods west slope, 1½ miles
south of Thoroughfare Gap; infrequent.

10828 *Hepatic* Beltsville, Md.
" dry moist soil in Greenhouses
tubers growing tobacco. June 31, 1943
H. A. Allard

10816 *Cynoglossum virginianum* L. ditto
" at cliffs in openings in woods;
abundant locally; full bloom.

10817 *Taenidia integrifolia* (L.) Drude ditto
" on west slope in deciduous woods
2 miles south of Thoroughfare Gap;
frequent.

10818 *Botrychium* ditto
" in rich shaded deciduous woods ditto
near #55, west end of Thoroughfare Gap;
just fruiting, abundant.

10819 *Vitis* ditto
(2) along #55 at Thoroughfare Gap near
Berkeley Mill. Leaves lobed deeply, ditto
white woolly beneath.

10820 *Vitis labrusca* L. ditto
" Near #10819.

10821 *Nysa clytrata* Marsh ditto
(2) On west slope Pond Mt.,
2½ miles south of Thoroughfare Gap.
(Leaves coarsely toothed)

Hepatic

10829 On moist soil
" in hair growing
tobacco.

Bethelville, Md.
Range 3, No 5 greenhouse
B.P.C. Station.
H.A. Allard
May 31, 1943.

10830 Brassicaceae
(1) From Culpepper's place; from Allard's garden
in a funk in my garden.
Fl. yellow; full bloom.
(Kunming sent it moderately)

Allard's garden
Arlington Co.
3000. Th St. N.
June 10, 1943.

10831 Brassicaceae
(1) In my garden; volunteer.
Very narrow leaf divisions.

ditto

10832 Ficaria obtusa spring

(9)

June 13, 1943
Allard's garden.

10833 Lichmera (green)

" On north side silver maple trees, June 13, 1943
old 2 x 4 pine fence etc.

10834 waste ground

" Oxalis europaea Jord. forma cymosa (small)
common

ditto
Vieg
June 23, 1943

10835 Oxalis europaea Jord

" waste ground with # 10834

ditto

Oxalis europaea Jord
forma cymosa (tern) Vieg. 3000-7th St. N.
H.A. Allard's garden
Arlington, Va
June 27, 1943

10836 In waste ground;
" everywhere common.
H.A. Allard, Coll.

10837 Quercus alba L. var. ryderi ?
Cemetery in Lee Boulevard,
Arlington Co., Arlington, Va. Collected

July 3, 1943 by H.A. Allard. A large tree in
natural woodland 8-10 in dia. DBH. 35-40 ft.
tall. Coarse stalked; scales densely pubescent;

10838 Quercus globosa, nearly peltate, wings glabrous;
scales beneath whitish. The younger with
stellate pubescence; older smooth,
tubes 9-10 on a side, regular, rounded,
challous.

10839 Fraxinus (6),
arborescens Hill. Roadsides between West Va. Garrett
Co. and Red House, Md. on U.S. 50 Co.

10839 Lycopodium complanatum var. variegatum Red House,
H.G. Allard.

" Lycopodium fabelliforme Ternall. Tucker Co.,
West Va.,
on old limestone grade along
Blackwater River about 3½ miles near Davis,
Guenther, Wimmer & Grabowski.

10840 Lilium superbum L
" in meadow in
great quantities here. Garrett Co., Md.

on U.S. 50 in
meadow near
Red House.

10841 Oxalis europaea
" along S. cymosa
2 miles west of Davis, July 25, 1943
H.A. Allard.

10842 Polytrichum
" growing around decaying
leaf of old paper mulch ½ mile
west of Davis.

ditto

Panicum
on old lumber grade,
in cinders just
10843 west of Davis.
" "

Near Davis, W. Va.,
Tucker Co.
July 24, 1943
H. A. Allard.

10844 *Panicum*
" near # 10843

ditto

10845 *Hypericum virginicum* L
" in swamp along old lumber
grade leading to Dryover,
about 3 miles from Davis, W. Va.

10846 *Rhododendron maximum* L.
" in shrub swamp near # 10845 ditto
a few belated blossoms.

10847 with # 10846. *Rhododendron*
(2) *indiflorum* (L.) Torr ditto

10848 *Juncus articulatus* L
(2) along Blackwater River just
east of Davis
(New to west Va.) ditto

10849 *Scirpus atrocinctus* Tern.
(2) near # 10848 ditto

Oxyboliis rigidian
var. *ambigua*
10850 (2) along Blackwater
in wet soil just east
of Davis, W. Va.
entire; some plants
with irregular, remote teeth.

10851 *Scirpus microstictus* Ternald
" near # 10850; infrequent ditto

10852 *Transtilexia carolinensis* (L.) Gray
(2) along Blackwater River
just east of Davis, W. Va.

10853 *Hypericum prolificum* L
(2) along Blackwater 5 miles
east of Davis on old lumber
grade to Camp 70; full bloom.

10854 *Ginger*
" at Cold Spring near #
10853 (temp 48°) ditto
in wet soil.

10855 *Panicum*
" on dry cinders of old lumber ditto
grade near # 10854.

10856 *Cuscuta* on *Eupatorium*
" capsularis; scales deeply
ridged. along Blackwater
3 miles east of Davis on old
lumber grade.

green lichen on
dead silver birch on
spruce swamp 3 miles
10857 N.E. of Davis
" on old lumber
grade to Satzmer.

near Davis
Tucker Co., West Va.
July 27, 1943
H.A. Allard.

Habenaria dilatata (Miq.) Spreng. ^{Near Davis}
in swampy bog on Satzmer grade ^{inches}
3 miles N.E. of Davis, ^{2, Va.}
10861 " frequent in sphagnum ^{July 27, 1943}
bogs here. ^{H.A. Allard}

10858 Moss + lichens on
" dead trees. with # 10857

ditto

10859 Lichens on dead trees
" near # 10857

ditto

10860 Lichens on twigs
" in swamp with # 10857

ditto

10861 *Juncus articulatus* L. (var. *lentotis*)
" (without stalk on seed) a pure ^{ditto}
dense stand with some *Typha latifolia*
in concrete cellar (oven) of old pulp mill
east of iron bridge, in $\frac{1}{2}$ foot of water.

10862 *Chiogenes hispidula* (L.) T & G
" in cold sphagnum bog of spruce ^{ditto}
swamp with # 10857; abund. ^{abund.}

10863 *Elatostoma obtusum* (Willd.) S. Gmelin
" in pool 2 miles N.E. of Davis ^{ditto}
in old Satzmer lumber grade.

10865 *Hypericum virginicum* L. ^{ditto}
" in bog 3 miles N.E. of Davis
on old Satzmer lumber grade.

10866 *Hypericum* ^{ditto}
" with # 10865

10867 *Gaultheria daytonae* Michx.
" in bog with # 10865 ^{ditto}

10868 *Viola* ^{ditto}
" with # 10865

10869 *Salix* ^{ditto}
" on grade to Bill Burley's
camp - on Blackwater,
 $\frac{1}{2}$ miles from Davis, east.

10870 *Oxyfolia rigidior* (L.) Coulter
" P. Rose. Some so-called
var. *ambigua* (Nordl.) Robinson with
entire leaves; others with a few
teeth. All intermingle. Not a good
var. ^{ditto}

Campanula glomerata Pers. Purple
leafy blackwater River east, Tucker Co., West Va.
from iron bridge at July 28, 1943
10871 Davis 1½ miles. H.A. Allard
" "

10872 *Thalictrum*
" with # 10871

ditto

10873 *Hypericum virginicum* L. ditto
" with # 10871.
(wet soil along
River edge)

10874 *Gramineae*
" with # 10871, wet soil

ditto

10875 *Gramineae*
" with # 10871, wet soil

ditto

10876 *Gramineae*
" with # 10871, wet soil

ditto

10877 *Panicum*.
(3) with # 10871; very common
on grades etc., in damp
situations

ditto

Gramineae
along Blackwater River, West Va., Tucker
½ miles east of Davis, Co., July 28, 1943
10878 moist soil.
" "

Near Davis
West Va., Tucker
Co., July 28, 1943
H.A. Allard.

10879 *Lichen*
" on damp ~~soil~~ ^{rocks} near # 10878 ditto
in Blackwater River.

10880 *Gramineae*.
" with # 10878.
ditto

10881 *Trisetaria carolinensis* Th. P. Mey.
" ditto

10882 *Lycopodium obscurum* L.
" in thickets near # 10878. ditto.

10883 *Lycopodium tristachyrum* Persch ditto
" on dry soil on ridges
near Blackwater River 1½ miles
east of Davis.

10884 *Moss*
" on rocks near # 10883 ditto

10885 *Asplenium platyneuron* L.
" on ledges near gorge
along Blackwater River, 3
miles east of Davis, W. Va.

Near Davis, Tucker
Co., West Va.,
July 29, 1943
H.A. Allard.

10886 *Lycopodium complanatum* L.
" near # 10885 ditto

10887 *Hepatic*.
" on ledges with # 10885 ditto

10888 *More*
" growing in competition
associated with # 10887 ditto

10889 *Adonis* + others
" on same ledges near # 10885 ditto

10890 *Oxybaphus rigidius* Coulter & Rose
(81) some leaves with a few remote
teeth; some entire. Some
leaves with entire leaves; some very
margin leaved forms; ditto

10891 *Carex*
" with # 10890 some very sharply, conspicuously
twisted, margin leaved forms; ditto
: *C. and debilis* var. *rugosa* Bailey.

10892 *Thalictrum*
" along Blackwater River
1/2 mile east of Davis, W. Va.,
July 29, 1943
H.A. Allard

10893 *Stiromema ciliatum* (L.) Raf. ditto
" near # 10892

10894 Rock lichens.
" near # 10885, same ledges. ditto

10895 *Lycopodium clavatum* L.
" Near # 10885 in thickets. ditto

10896 Rock lichens
" with # 10887. ditto

10897 Rock lichens (*lumbilicaria*?) ditto
" with # 10887

10898 Various mosses
" with # 10887, same ledges. ditto

Mosses
On ledges 3 miles east of Blackwater ^{Near Davis,}
River near old grade along Blackwater ^{Tucker Co.,}
River ^{West Va.,}
10899 ^{July 29, 1943}
" " ^{H.A. Allard}

10900 Lycopodium clavatum L. ^{July 30, 1943}
" " on old lumber grade 3 miles
down Blackwater River across
from Davis.

10901 Glechoma hederacea L. ^{July 30, 1943}
" " Angelica sanguinosa Michx. ^(Michx.)
" " colony across Blackwater River ditto
from Davis near south end of
iron bridge over Blackwater River near
Franklin, Seneca highway ^{a. curtissii}

10902 Anemone virginiana L. ^{Near for West Virginia}
" " with # 10901 ditto

10903 Gramineae.
(4) In thicket beside
10901 at bridge. ditto.

10904 Cladonia
" 1/2 miles down Blackwater
River from Davis, on old grade ditto
across the River from Davis

10905 Lycopodium complanatum L.
" " var. belliforme Ternald ditto
3 miles down same grade from
Davis, beyond station for # 10904.

Moss.
Near # 10905, same locality ^{Near Davis,}
Tucker Co., West ^{July 30, 1943}
10906 " ^{H.A. Allard}

10907 Cladonia sp. ^{ditto}
" " Near # 10905 - on soil,
logs etc.

10908 Moss ^{ditto}
" " Near # 10905

10909 Moss.
" " at 1st stream 3 miles down
Blackwater River on old lumber ditto
grade across River from Davis.

10910 Mosses.
" " in spray and on wet rocks
at stream 3 miles down Blackwater ditto
along old grade across river from Davis.

10911 Cladonia ^{ditto}
" " on soil, logs etc on same
grade, 1/2 miles down
Blackwater River.

10912 Panicum ^{ditto}
" 2 miles down Blackwater River
from Davis near # 10911 very
abundant & buried deep soil

Panicum
at iron bridge south end, over Blackwater River at Davis,
10913 near Davis, July 30, 1943
" Davis, H.A. Allard.

Corallorhiza
Climbing into a small spruce tree
10920 by railroad at Thomas, Tucker Co., W. Va., July 31, 1943
" plants H.A. Allard.

10911 *Mosses*
" at 2nd creek or brook July 31
3½ miles down Blackwater River
along old grade across " from
Davis.

10921 *Mosses*
" at 2nd stream down Blackwater Davis
River on grade across river from
Davis. 3 miles or more below Davis, Tucker Co.,
July 31, 1943
H.A. Allard.

10915 *Cladonia*
" on soil, logs etc., near # 10914 ditto
10916 *Cladonia*
" with # 10915 ditto

10922 *Moss*
" on damp soil and rocks
near # 10921 ditto

10917 *apocynum androsaemifolium* L.
(2) near # 10916, same grade, ditto
in open.

10923 *Moss*
" on damp soil, rocks, logs
etc., near # 10922 ditto

10918 *Nemophantus mononata* (L.) Trel.
" on mountain south of Davis,
across Blackwater river several ditto
miles. Berries blood red, uniform
in color; very beautiful.

10924 *Polytrichum*
" on damp banks near # 10922 ditto

10919 *Oxalis europaea* Jardan
var *cymosa* ditto
On bank beside railroad at
Thomas, Tucker Co., Va.

10925 *Moss*
" on moist rocks near # 10922 ditto

10926 *Sphagnum*
" near # 10925
on wet soil by same brook ditto

Juniper at 2nd stream near Davis,
Seed Tailed 2½ miles down timber Co.,
10927 Blackwater from Davis, West Va.,
" on grade across river from Davis, Aug 1,
Davis, H.A. Allard 1943
= *J. canadensis* (Engelm.) Fern.

10928 Gramineae at 3rd brook 3½ to 4 miles
" down Blackwater, on grade ditto
across River from Blackwater.

10929 Moss " Near # 10928. ditto

10930 Gramineae " at first stream 2 miles
from Davis down the Blackwater ditto
on grade across river.

10931 *Nemopanthus mucronata* (L.) Pres. (21) at foot of 1st stream where it empties
into the Blackwater River, 2 miles down
Blackwater from Davis, on grade, across
river from Davis. Plant all ripe.

10932 " Cladonia + moss ditto
at 2nd stream 2½ miles down
Blackwater River from Davis, on
grade across river from Davis.

10933 " Moss
" On damp rocks, soil near # 10932 ditto

Cladonia + mosses. Near Davis,
Tucker Co., W. Va.

10934 On soil near # 10932 Aug. 1, 1943
" at 2nd stream. H.A. Allard,

10935 Cladonia " ditto
" + moss. Near # 10932

10936 *Lycopodium annotinum* L.
1/11 In spring-temperate growth
3½ - 4 miles down Blackwater
River on grade across river from
Davis, at 3rd brook.

10937 *Lycopodium clavatum* L.
(4) ditto
Near # 10936; common.

10938 *Lycopodium complanatum* L.
(21) var. *flabelli* Farne Fern ditto
1½ - 2 miles down Blackwater
River from Davis, on grade
across river from Davis, near 1st brook.

10939 *Azolla* " ditto
" leaves bright green above; pale
beneath. Near # 1st stream on grade
across Blackwater River, 1½ - 2 miles
below Davis.

10940 " *Hepatic* ditto
On rocks in 2nd stream
near # 10927

Callitrichia heterophylla Persb. near Davis,
at trail across river from Davis Tucker Co., West Va.
10941 $\frac{1}{2}$ mile from bridge, down Aug. 2, 1943
Blackwater, on grade across H.A. Allard
(2) river.

10942 water plant
(2) growing with # 10941.

ditto

10943 Galin
" at junction of 1st brook with ditto
Blackwater River, $\frac{1}{2}$ mile down
Blackwater from Davis, on grade
across river.

10944 *Vaccinium*

(2) Beside # 10943

ditto.

10945 *Carex debilis var. rugulosa* Bailey
" growing near # 10943

ditto

10946 Gramineal
" growing near # 10943
same habitat.

ditto

10947 *Lilium superbum* L
" Near # 10943; very
showy, abundant.

ditto

Galium near Davis
1/2 miles below Davis on Blackwater Tucker Co., West Va.
River at junction of 1st brook Aug. 2, 1943
10948 with River, steep grade H.A. Allard
" across river from Davis Aug. 2, 1943

10949 Moss
" on rocks submerged
in rapids of Blackwater ditto
near # 10948

10950 Moss
" on soil on rocks near ditto
10948

10951 Moss

(2) On submerged rocks ditto
in rapids near # 10949

10952 *Solidago graminifolia* (L.) Salisb.

(2) Near # 10948

10953 *Juncus filiformis* L
(4) Near # 10948 in water ditto
by river bank. (not ref. from
West Va. $\frac{1}{2}$)

10954 Gramineal

(2) Near # 10948

ditto

Gramineae
at first stream junction
with Blaumater River
10955 1-1½ miles before
Dais on Blaumater
River near grade across river.

Near Dais
Tucker Co., West Va.,
Aug. 2, 1943
H.A. Allard.

Melampyrum lineare Lam. Near Dais,
near foot of peak of Canaan
10962 mountain at head West Va.,
" of Weimer's Hollow Aug. 3, 1943
3-3½ miles S.E. of Dais H.A. Allard

10956 Umbilicaria
" on rocks in and along
river; brown beneath

ditto

10957 Polygonum persicaria L.
" 1 on old grade across Blaumater ditto
River from Dais, about
½ mile down from iron bridge

10958 Asclepias syriaca L.
" near # 10957 ditto

10959 Habenaria clavellata (Muhl.) Sweng.
" in Weimer's Hollow 2½-3 miles
S.E. of Dais.

10960 Rock lichens.
" on peak of Canaan Mountain ditto
3-3½ miles S.E. of Dais, at
head of Weimer's Hollow

10961 Gramineae.
" in Weimer's Hollow near
Canaan Mt. peak where 10960 found ditto

10963 Lygodium complanatum
" var. ?
at top of mountain above. ditto

10964 Moss
" on rocks on same peak
above. ditto

10965 Moss
" near # 10964 on ledges; ditto
very beautiful.

10966 Umbilicaria
" black beneath, on
rocks near # 10964 ditto

10967 Rock lichens
" on rocks near # 10964 ditto

10968 Umbilicaria
" on rocks with # 10964 ditto

Mass. On rocks on peak. Near Dais
of Canaan mountain at Tucker Co., West Va.
10969 head of Reiner's Hollow Aug. 4, 1943
" 3 1/2 - 4 miles S.E. of H.Q. Allard.
Dais.

10970 *Hieracium hammoniae* L.
" on slope of above peak at ditto
head of Reiner's Hollow;
fragrant.

10971 *Lycopodium obscurum* L.
" var. *Dendroistium* (Michx.) D.C. Eaton ditto
Near # 10970.

10972 *Lycopodium tristachyllum* Presl ditto
" on rocks near # 10969;
abundant.

10973 Lichens
" on rocks near # 10969 ditto
10973 A Rock lichen on rocks in Blackwater canyon
near Blackwater falls.
10973 B Rock lichen with # 10973-a.

10974 *Hedera monticola* Gray ditto
" Near # 10970; abundant;
frst still green. Exceedingly
abundant on west slopes Cabin Mt.

10975 *Oxydendrum arboreum* (L.) DC. ditto
" on Canaan mountain near
Reiner's Hollow: Rare in this
region; only two plants seen; this and
one at Blackwater Canyon's overlook.

Rock lichens. From
rocks at 2nd stream over
grade 3 miles
10976 down Blackwater
" from Dais, on
grade across River.
Near Dais, Tucker Co., West Va
Aug. July 30, 1943
H.A. Allard

10972 Rock lichens.
From Blackwater Canyon ditto
" near Blackwater Falls,
near Dais, Tucker Co., 3 miles
west

10978 *Convolvulus japonicus* Thunb. 2 Dais
" on banks as bank screen Aug. 6, 1943
at Dais where common; H.A. Allard
also escape as fenes. fl. pink.
Tucker Co.

10979 Moss or alga
" on bank or soil at Victor
Walford's farm in Canaan ditto
valley 1/2 miles S of Dais

10980 *Oxydendrum arboreum* (L.) DC. ditto
" at lookout at Blackwater Canyon ditto
3 - 3 1/2 miles N of Dais: a
single shrub; full bloom. (None seen
one other only, on Canaan Mt.).

10981 *Clematis virginiana* L. ditto
" Oozing over shrubs on
grade across Blackwater River from
Dais about 2 miles down from bridge;
very abundant; full bloom.

10982 Moss
" at 2nd stream on grade ditto
across Blackwater River from Dais
near Blackwater Falls perhaps
1/2 miles down.

Moss
in water on rocks in 2nd brook ^{Near Davis}
2 miles or more downstream ^{Tucker Co., W. Va.}
10983 Blackwater from Davis on ^{Aug. 6, 1943}
" grade across river ^{extra}
H.G. Allard ^{Aug. 6, 1943}

10984 *Cladonia* etc
" on dead wood etc., near ditto
10983

10985 ^{Moss}
" on rocks in 2nd stream ^{ditto}
fed near # 10983

10986 ^{Moss}
" in water with # 10985 ^{ditto}

10987 ^{Hepatic + moss}
" in water on rocks with 10985 ^{ditto}

10988 *Polytrichum*
" at Blackwater Falls 3 miles ^{ditto}
west of Davis.

10989 ^{Moss}
" near # 10988 on ^{ditto}
net rocks.

etc

Moss
Near Blackwater Falls ^{near Davis, W. Va.}
in canyon, 3 miles west ^{Aug. 6, 1943}
10990 of Davis. ^{H.G. Allard}

10991 *Sphagnum* ^{ditto}
" near Blackwater Falls
in spray in canyon near
10990

10992 ^{Moss}
" on net rocks with ^{ditto}
10990

10993 ^{Moss}
" on net rocks near # 10990 ^{ditto}

10994 ^{Moss}
" on net rocks near # 10990 ^{ditto}

10995 *Sphagnum* ^{ditto}
" on net tank near # 10990

10996 ^{Moss}
" on net, water-sprayed ^{ditto}
rocks near # 10990

Moss
on wet rocks ~~at~~ in canyon ^{near Davis} Trucker Co., W. Va
of second stream leading up to Aug. 6, 1943
10997 Blackwater River just ^{grade across river} H.A. Allard
below Blackwater Falls.

10998 ^{Mosses}
" on wet rocks with # 10997 ditto

10999 ^{Mosses}
" in water and spray
of 2nd stream with # 10997 ditto

11000 ^{Mosses}
" on wet rocks with # 10997 ditto

11001 ^{Mosses}
" on wet rocks with # 10997 ditto

11002 Hepatic and moss.
" on wet rocks with # 10997 ditto

11003 Cacalia suaveolens L
(2) Near # 10997 in
main canyon near falls. ditto

Viburnum cassinoides L Near Davis, West Va
Trucker Co.,
at first stream on Aug. 6, 1943
11004 grade across river H.A. Allard
from Davis, 1 mile
below bridge; common;
not ripe.

11005 Sarcina geminis var. ^{pelvic} _{Pern.} ditto
" in canyon on tourist side Aug. 4, 1943
with stream flowing into main
canyon just west of lookout.

11006 Sphagnum
" On wet soil in ravine just
beyond tourist lookout, leading into
Blackwater Canyon. ditto
8-4

11007 Juncus brevicandatus (Engelm.) ^{Pern.} ditto
" in water with # 11006 _{term.}
tailed suds 8-4

11008 Juncus effusus var. ^{solutus} _{Pern. and W. Va.}
Near # 11006 ditto
(suds without tails) 8-4

11009 Cuscuta
(2) On goldenrod etc; near
water deeply fringed. ditto
8-4

11010 Juncus filiformis L
" (suds without tails) ditto
downstream on soil-covered
muds near # 11006 8-4
(Not ref. from West Va. 1:1)

Rock lichens
On damp rocks beside stream in side canyon
11011 leading into main "blackwater canyon" just west of tourist lookout. Near Davis, Tucker Co., W. Va
Aug. 4, 1943

11012 Mosses
" on rocks in water in above stream. ditto

11013 Umbilicaria
" in same canyon above on rocks (Lichen brown beneath) ditto

11014 = Hygrofthora
11014a = lichen growing on this. In same canyon with # 11011 ditto

11015 Mosses
" in damp soil near # 11011 ditto

11016 Carex folliculata L
" Near # 11011 ditto

11017 Oenothera
" in canyon near # 11011 ditto

*11017A Cuscuta on aster inflatus ditto

Hieracium scalarum Michx. Weay Davis,
at bridge over the Blackwater River, Aug. 4, 1943
11018 Fragaria H.G. Allard.
" frequent in thickets in region.

11019 Elaphomericola Gray ditto
(2) at bridge near # 11018

11020 Lactuca spicata (Lam.) Hitch ditto
" at bridge with # 11018; common (one plant) ac. curtisii

11021 Scolopendrium ^{Michx.} nitaceifolium ditto
" Angelica triginata (A. Nels.) Coat. & Rose ^{Michx.} at bridge with # 11018; a colony scattered along the roadway leading off highway to gate to pasture here; just in flower.

11022 " one plant of 11021 ditto
at same colony. Angelica ^{Michx.} triginata ^{Michx.} ditto

11023 " Asclepias ^{Michx.} c. curtisii ditto
at bridge with # 11021

11024 Eupatorium nitaceifolium ditto
" at bridge near # 11021 ^{Richard} frequent in thickets in region.

Ionomoea H. A. Allard's garden,
lacunosa L. 3000-7th St. N.,
arlington, Va

11025 *Floris lilac.* Arg. 29, 1943
 " abundant in thicket with white
 flowered plants: full bloom

11026 *Ionomoea lacunosa* L. ditto
 (5) white bl. plants only;
 growing with #11025

11027 *Ionomoea hederacea* Jacq. ditto
 " with #11025, same habit
 ground, very common and
 abundant here

11028 *Euphorbia stans* Bull Run Mt., Va
 " var. *septentrionalis* Muell. Tangier Co.
 along railroad above Beverly Mill. Arg. H. A. Allard.

11029 *Oenothera biuncialis* Atkinson ditto
 " railroad near #11028. Bartlett

11030 *Astragalus alternifolius* (L.) DC. ditto
 " near #11028

11031 *Ionomoea purpurea* (L.) Roth ditto
 " on U.S. #55 just west of
 Beverly Mill. T.L. purple.

Rock lichens, west slope, Pond Mt., Va
 just s. of U.S. #55. Tangier Co.,
 Sept. 12, 1943 H. A. Allard.

11032 V 1

11033 smt on *Panicum dichotomiflorum* (L.) A. Nels. arlington, Va
 = *sorosporium syntherismae* (Ph.) Farl. Arlington Co.
 almost no in bloom now; smt in every short. ident by H. A. Allard

11034 *Cangaspora hirtaminum* (Schw.) Sacc. ditto
 On inner side of half of peach kernel in yard
 black conical bodies thick.

11035 *Sporae gigantea* even 100 mm. ditto
 " *Oenothera laciniata* Hill. Beltsville, Md.
 at Horticultural station, B.P.C. common.

11036 *Polygonum cretatum* L. ditto
 (5) waste ground at Beverly Mill.

11037 *Panicum* ditto
 " in pasture west slope Pond Mt.
 3/4 mile south of #55 highway

11038 *Croton glandulosus* L. ditto
 " var. *septentrionalis* Muell. Arg. ditto
 Railroad above Beverly Mill.

Eragrostis Bull Run Mt., Va
along railroad above Fangier Co.
Sept. 12, 1943
Beverly Mill, H.A. Allard
(31)

11040 *Carya glabra* (Mill.) Sweet ditto
(21) along railroad above Beverly Mill
near deep cut.

11041 *Polygonum dumetorum* L. ditto
(17) along #55 at Thoroughfare Gap
in thickets.

11042 *Acalypha* by H.A. Allard
(101) Bracts glandular - garden; Arlington
stems often with incised hairs.
Arlington Co., Va
Oct. 3, 1943
H.A. Allard

11043 *Acalypha* ditto
(6) stems bracts long, spreading
hairs; not glandular.
scole under 2 mm long.
Oct. 4, 1943

11044 *Polygonum aviculare* L. ditto
(11)

11045 *Quercus falcata* Michx. Beltsville, Md.
blade 12.6 cm;
petioles about 1.2 cm
max. width 6.3 cm
6 points on a side
B.P.C. Station
Oct. 9, 1943
H.A. Allard
Prince George Co.,

Quercus cocinea Munch. Beltsville, Md.
Prince B.P.C. Station
Oct. 9, 1943
George Co. H.A. Allard.

11046
(11)

Quercus probably *santolinii*. Arlington, Va
This a large tree at east entrance of Arlington Co.
Columbia Gardens Cemetery at Oct. 10, 1943
George Co. H.A. Allard.
11047 right as one enters the iron gate - at
head of street. Columbia Gardens Cemetery
Leaves rather small, untoothed or coarse
recently chestnut. leaves densely stellate pubescent;
petiole 2.5-3 cm; blades 18-20 cm; lobes shallow 6-8 pairs
side not wanting apical; petiole, blade, twigs glabrous
leaves thick in texture.

11048 Probably hybrid of
(31) *Quercus alba* x *Q. montana*

as a *Q. santolinii* segregate ditto
lobes 8-9 on a side, not wanting apical.
all from mature; older leaves mostly glabrous;
younger stellate pubescent type blighted on many;
11049 Figured as *Quercus alba* *ridderi* in
Trelease - on oaks.

(24) *Quercus cocinea* Munch.
Two different trees with # 11048. ditto.

11050 *Quercus montana* Willd.

(21) Near # 11048 - same cemetery ditto
lobes on a side 8-12, not wanting apical.

11051 *Quercus falcata* Michx.

(11) Near # 11048 in same cemetery ditto

11052 *Quercus marilandica* Munch. ditto

(31) Near # 11048; different tree.

Leaves of Quercus mainlandica Muench
with insect galls -

11053 Galls on upper surface
purple red, articulated
with stems like the brain as
big as buckshot or small peas.
mostly globose beneath with a small, conical
projection or \leftarrow beneath above

11054 Quercus alba L.
(2) " ditto

11055 Quercus falcata Michx
" near No 11054 - same cemetery
ditto
Oct. 17, 1943

11056 Quercus velutina Lam
(3) " near # 11055 ditto

11057 Quercus vaccinea Muench
(2) " near # 11055 ditto

11058 Quercus montana Willd
(2) Rubber marrow, pointed
leaf type.

11059 Probably a segregate of
" Quercus savillii ditto

11060 Quercus vaccinea Muench Columbia Gardens
cemetery
abundant here. Arlington, W.
Oct. 17, 1943 H.G. Allard

11061 Probably a segregate of
" Q. savillii or Q. alba
x Q. montana (segregate) ditto
See also # 11048 from same tree.

11062 Acorns of Quercus
mainlandica Muench Oct. 21, 1943
ditto

11063 Acorns of
" Quercus velutina Lam. ditto

11064 Acorns of
" Quercus velutina Lam. ditto

11065 Acorns of Quercus
mainlandica Muench ditto

11066 Polygonum
(10) caespitosum Blume along Canal
var. longisetum (De Breyer) Steward
Georgetown Oct. 31, 1943 H.G. Allard

Oxalis

11067

along Canal
above Key Bridge,
Georgetown, Oct. 31, 1943
H.A. Allard

Cruciferous
fl. white
in moist soil.
11074

along Canal above
Key Bridge, Georgetown,
April 2, 1944
H.A. Allard.

11068 *Arthraxon hispidus*
(6) var *cryptatherus* (Hork.) Honda ditto
abundant along canal bank
toward Chain Bridge;

11069 Pine chestnut oak seedlings No 1
(4) from one tree in Columbia Gardens
Cemetery, Arlington, Va.; Arlington Co.
sown 10-11-43 greenhouse at Bettsville, Md.
10-16-43 sown in 3 in pots - one in each.
No germination when planted. Cut at ground
Jan. 3, 1944. Height then = 3 1/2 - 4 1/2 in. together.
H.A. Allard 23 in. ditto.

11070 (3) seedlings of *Quercus coccinea* No 2 -
just outside east gate of Columbia Garden
Cemetery, Arlington, Va.
sown Oct. 31, 43, sown in pots.
sown in 3 in. cut at ground Jan 3, 1944 at 3-3 1/2 in.

11071 (4) Pine chestnut oak No 1. from Columbia
Gardens Cemetery. Sown Bettsville
greenhouse in 3 in pots (1 in each), when germinated
10-11-43. Cut. at ground Jan 4, 1944 at 3-3 1/2 in.
31 seedlings all with leaves charred as in
11069. Permanent, and many lobes a more

11072 (19) 59 seedlings of pine white oaks, one tree
in H.A. Allard's back yard, 3000 - 7th St. N.,
Arlington, Va. Sown when sprouting
in 3 in. at Bettsville greenhouse, B. P. C. H.
10-4-43. Cut Jan. 3, 1943 at ground
3-3 1/2 in. tall. Monthly observations
(8) stems & leaves beneath: a few with loosely
wavy pubescence.

129 seedlings of *Q. coccinea* I sown in treehouse
in Q. shelter in Columbia Gardens Cemetery
sown at Bettsville, in 3 in 10-11-43. of 10-21-43
cut Jan 3, 1944 at 3 1/2 - 4 in. ditto.

11075 Cruciferous fl. white
Pods long, slender -
(2) Near # 11074; full bloom ditto

11076 *Arabis oleracea* along Canal above
thlaspiana (L.) Benth. Key Bridge, Georgetown,
in waste ground everywhere April 30, 1944.
H.A. Allard fl. white; pods linear; common.

11077 *Ceratodon purpureus* L. ditto
(4) var *oblongifolium* (Turr.) Hallieck
On moist soil of flood plain;
abundant, full bloom;
fl. large showy; plant lax.

11078 (4) Salix
On flood plain of Potowmack. ditto

11079 *Zizania aquatica* (L.) Koch. ditto
(2) On flood plain of Potowmack;
full bloom; fl. yellow;
frequent.

11080 *Thlaspi perfoliatum* L. ditto
Along railroad in embankment of
flood plain above Key Bridge;
infrequent; pods smaller
than in *oleracea*.

Ranunculus septentrionalis Poir. Along
on flood plain; frequent and
above river
at Key Bridge
April 30, 1944
H. A. Allard.

11081 " On flood plain
" small, low, tufted plants
with bluish bl. ditto

11083 *Cardamine bulbosa* (Schreb.) B. S. P.
" On flood plain with #11082;
common; also along railroad.

11084 *Crataegus*
" From H. A. Allard's grounds
3000 - 7th St. N., Arlington, Va.
Originally a small shrub from
Massachusetts Mts., near Charlestown, Va.
11085 " thorns long, slender;
Veronica peregrina L
common in lawns
here Bettencourt, B. P. I. station
May 1, 1944
H. A. Allard

11086 *Veronica*
On lawns at B. P. I. station
Bettencourt, Md., ditto

11087 ~~#1~~ *Veronica*
" *Draba verna* L.
along railroad
near Chain Bridge
May 7, 1944
H. A. Allard ditto

11088 *Veronica arvensis* L
very abundant
On railroad bed
along old C & O Canal
near Chain Bridge
May 7, 1944
H. A. Allard

11089 *Veronica hederifolia* L. ditto
" common in thickets, etc.

11090 *Carex* on flood plain
" near Chain Bridge
near Potomac.

11091 *Desmodium columbinum* L. ditto
" along Canal in waste ground
near Chain Bridge; abundant.

11092 *Vicia angustifolia* (L.) Richard
" On moist banks along old C & O ditto
Canal 2 miles above Key Bridge.
Very abundant.

11093 *Oenothera longistylis* ditto
covered with fungus *Ramularia*
reticulata Ell. & C. V.
same evident May 7; large golden by P. W. Ziehl
green May 14, 1944 and D. Shavar
found only a few times.

11094 " *Oenothera longistylis* (Torr.) DC. ditto
same locality as for 11093 as visited May 17, 1944
this again some areas unaffected; others
entirely diseased. About $\frac{1}{2}$ mile or more
of road from *Veronica*.

Plantago lanceolata L. along Canal between
almost entirely pistillate Key Bridge and
11095 along railroad line of canal. Chain Bridge; May 14, 1944
H. A. Allard.

11096 *Silene antirrhina* L. ditto
" near # 11095

11097 *Erigeron philadelphicus* (L.) T. G. (2)
Near # 11095; on canal bank. ditto
Frequent.

11098 *Salvia lyrata* L. (2)
near # 11095; abundant; bl. blue. ditto

11099 *Geranium carolinianum* L. (1)
Very abundant along railroad; ditto
from Georgetown to Chain Bridge.

11100 *Anthemis arvensis* L. (2)
along canal near ditto
Chain Bridge; abundant.

11101 Locality ditto but
May 21, 1944

Oxybaphus myrtagineus along canal and
(Mid.) Sweet railroad between
Key Bridge and Chain Bridge
11102 Local along May 21, 1944
(4) railroad 1/2 mile north of Key Bridge; H. A. Allard.
full bloom. (my first experience
with this species)

11103 *Rumex patientia* L. (7)
very abundant in woods on
flood plain of Potowmack just ditto
below Chain Bridge.
Full bloom.

11104 *Sisymbrium altissimum* L. (2)
" along railroad 1 mile north ditto
of Key Bridge. fl. very pale yellow.
This plant more hairy than
11105

11105 *Sisymbrium altissimum* L. ditto
" near # 11104.
Full bloom.

11106 *Papaver rhoes* L. (2)
" near # 11105 on R.R. bank ditto.
Full bloom.

11107 *Oxalis* ditto
" along Canal near
Georgetown, above Key Bridge
Blowers collected Aug. 1944. cont'd. after
Aug. 1944. East number
114370

11108 *Moervine Calonyction aculeatum* (Many)
From plant all blossoms of which have the
corolla limb in 5 separate segments, these faced
outwards. This plant from a lot of seed from plant grown
in my garden 1943. This one plant a volunteer found
in my garden in Oct and November and protected from
frost for some time, then transplanted to greenhouse.

Rorippa sylvestris (L.) Bess. H. A. Allard's garden, Arlington Co., Va
var. glabratissimally ~~hirsutissimally~~. June 4, 1944, H. A. Allard.

11109 originally from Charlie Culpepper's place
in 1943. Now in tight ad hairy
(18) H. A. Allard. never sets seeds. Flowers small
ad stools ^{out of} ⁽²⁾ develop roots in greatest
abundance ^{out of} ⁽²⁾ feet from orig. place. (see ~~below~~ ~~below~~)
speedily ~~dangerous~~ ~~dangerous~~ weed.

11110 *Rorippa sylvestris* (L.) Bess. In moist
(2) spot in lawn of agriculture, east of
west wing, City Hall bloom. scattered
over the earth here.
(see *Deania flora
Indiana*.)

11111 *Oxalis stricta* L. In H. A. Allard's
garden, 3000-7th St. N.,
Arlington, Va.
June 15, 1944.
H. A. Allard.

11112 *Puccinia convolvuli* Pers. (Pers.) Cast.
111 On *Convolvulus sepium* O. I.
in turtle pen in H. A. Allard's garden
3000-7th St., North, Arlington, Va.
June 25, 1944. (H. A. Allard)
Ident. by J. A. Stevenson. Nine aerial
stages.

11113 (2) *Oxalis*.
In greenhouse
under bench at Beltsville
Tobacco Div. B. P. C. Station
June 23, 1944 H. A. Allard
Very slender, trailing.

11114 *Geranium carolinianum* L. In H. A. Allard's
garden, 3000-7th St. N.,
Arlington, Va.
H. A. Allard
June 11, 1944

11115 *Ipomoea hederacea* (L.) Greene (L.) Greene
Lyon Park, Va., July 31, 1944
H. A. Allard.
111 *Ipomoea hederacea* (L.) Greene (L.) Greene
on leaves of *Ipomoea hederacea* (L.) Greene (L.) Greene
intermixed with it, ie *I. tricolor*, *purpurea* etc.
Some worker claims their strains, hence for
each species. Above first named as *I. hederacea*

Cuscuta arvensis Beyrich. In garden
very troublesome covering at corner of 7th & Tilmore
tomatoes, chard, cabbage, beets, etc.
11116 Beets the entire season. Only scales of
garden. stems very pale; Aug 1, 1944
(2) scales large, deeply brined.
H. A. Allard.

11117 *Gaultheria procumbens* var. ang. 15-
var. of upper Marlboro, H. A. Allard 1944
(11) 2nd Aug 15, 1944.
Reddish splotches - abundant. upper Marlboro
Marlboro, H. A. Allard.

11118 alga on soil in tobacco field Aug. 16, 1944
111 ad elsewhere - Marlboro and Beltsville, reddish brown papillae etc. H. A. Allard
Ident. by Francis Drouet. as
Protosiphon botryoides (Kutz.) Klebs.

11119 *Quercus prinoides* Willd. near
Abundant in some limited areas.
Beltsville, Md. on sandy, gravelly soil -
Coll. by Mr. W. W. Wescouer.
(Samuel H.)

11120 *Cuscuta arvensis* Beyrich Mitchellsill, Md.
Aug 31, 1944.
On garden *Chrysanthemum*. Coll. by James E.
Mc Murray.

11121 *Cuscuta arvensis* Beyrich Lyon Park
111 on garden carrots in Mrs. Sharp's garden - See # 11116 7th & Tilmore
St. N., Arlington Co., Sept. 12, 1944
H. A. Allard

11122 *Ipomoea tricolor* (L.) Greene (L.) Greene
H. A. Allard
13) *Ipomoea tricolor* (L.) Greene (L.) Greene
Th. dry reddish.
garden, 1944, H. A. Allard
3000-7th St. N., Arlington, Va.
Sept. 3, 1944.

Calonyction mucicatum G. Don H.A. Allard's
sold by W. Atlee Burpee, Phila. Pa 3000-7th St., North
under name Giant moon flower, Arlington, Va.
Sept. 17, 1944

11123 Fibers small, pinkish lavender
" opening in evening earlier than the
common white moon flower, and closing earlier
next morning; leaves roughish above with scattered
coarse hairs. pods bend at pedicels and
point earthward. Not at all fragrant. Does
not cross with moon vine (white).

11124 Scarlet O'Hara morning glory-
(2) *Ipomoea hederacea* Jacq. 2) H.A. Allard
Very popular in the trade; 1944 in his garden
flowers rich scarlet. Arlington, Va. Sept. 3, 1944
One specimen given to Herbarium 3000-7th St. N.

11125 *Ipomoea carnea* Part. Division of Plant Exploration and Introduction,
2# Gray in H.A. Allard's garden 1944, Arlington, Va.
sold as carnea never sets seeds; 3000-7th St. N.
sterile to pollen of all mating species
Flowers deep purplish blue red day Sept. 3, 1944.

11126 *Ipomoea tricolor* car. H.A. Allard's
(2) Pearly Gates Arlington, Va.
fil. more white. 3000-7th St. N.
Both given to Herbarium of Arlington, Va.
Sept. 3, 1944
National Arboretum. H.A. Allard.

11127 *Calonyction* 197 of acorns of *Quercus rubra* Britton from
John 1944 H.A. Allard's tree at 3000-7th St. North, Arlington, Va.
(see *Rhodora*, 44: 262-266, 1942). These seeds being sent
to Missouri Bot. Garden by Mr. S. C. McCallum of Div.
of Horticulture etc. under his number = 64
Oct. 1, 1944. H.A. Allard.

11128 *Utricularia latifolia* Michx. along River
(many heads) with tiny bluish fungus at Chain Bridge
spots on florets. On canal side, Oct. 12, 1944.
Given to John A. Stevenson, Mycological Collection
H.A. Allard.

11129 *Smilax glauca* Wal. var. *leucoxylon* Blake
" (Cuber is in his monograph of *Smilax* says
it is no good) with disease, Oct. 15, 1944
Given to John A. Stevenson
near Falls Church
H.A. Allard.

Satineja nepeta (L.) Schle. not common.
bl. blue.

11130 121 In a dry, sterile
spot.

at Georgetown
on soil on rocks
on bank of Canal.
Oct. 12, 1944
H.A. Allard.

11131 *Polygonum latifolium* L. in wet ground
along Canal near
Frequent. Georgetown, Oct. 12, 1944
Very drooping raceme, or spike; leaves flat, H.A. Allard,
coarse

11132 131 Toothed and lobed leaves
of *Paulownia tomentosa* (Thunb.) Steud. Georgetown
unusual to base teeth etc. Oct. 12, 1944
H.A. Allard

11133 *Aster novae-angliae* L. along Potowmack
abundant spines; near Canal at
very sharp. Th here deep Chain Bridge
violet. Oct. 12, 1944
H.A. Allard

11134 *Aster prenanthoides* Michx. with 11133
Frequent here; bl. light bluish. ditto

11135 111 Green alga.
In rocks between Potowmack River Oct. 12, 1944
and Canal at Chain Bridge. H.A. Allard
(very abundant.)

11136 111 Green alga.
In rocks; very abundant. ditto.

green alga. In pools between Potowmack River and Canal near Chain Bridge. Oct. 12, 1944
H.A. Allard

11137

111

Montauk Moon vine *Calonyction auleatum* House

11138 Found in my garden 1943. See 11108.

(28) ← This lot coll. Oct. 11, 1944. H.A. Allard.

all from original type plant or

cuttings grown from this leaves on low basal rooting shoots, often 9 of 28 above giant to 8 ft. high. Collected for the Herbarium of the National Arboretum.

11139 Common form of Moon vine
Calonyction auleatum House
with undivided corolla limb
G. (16) Given Oct. 15, 1944. From H.A. Allard's garden, to Her. of Nat. 3000-7th St. N., Arlington, Va. Arboretum. Oct. 15, 1944, H.A. Allard

11140 Montauk form of moon vine

see * 11138 - , fl. P. leaves, fruit.
collected Oct. 15, 1944

H.A. Allard.
From type plant and cuttings from
to fl. stage, at 3000-7th St. N., Arlington, Va.

11141 *Sporocaea hederacea* Jaq. ?
(17) (18) Mrs. O'Hara (fl. deep purple) sold.
G. sheet given H.A. Allard's garden 3000-7th St. N., to Her. of Nat. Arboretum, Arlington, Va. Oct. 1, 1944.
(sold by Burpee) H.A. Allard
Later fls. bluish purple than cl. tricolor

11142 (19) *Sporocaea hederacea* Jaq. 1/2, var. Scarlet O'Hara. fl. Scarlet. Garden of several given to Her. of Nat. Arboretum. Oct. 26, 1944. Grown from seed from W. Atlee Burpee, 1943

11143 (21) Scarlet O'Hara - same plants as # 11142. Coll. Oct. 1, 1944. Grown at same place (Allard's) same seeds etc. Merely a different collection of specimens.

Iphomoea tricolor L.
var. Pearly Gates. Fl. pure white.
From 1944 by H.A. Allard, 3000-7th St. N.,
111 Arlington, Arlington Co., Va., from
seed obtained from W. Atlee

Burpee 1943.

(a very fine variety)
(Given to Her. of National Arboretum)

11145 *Iphomoea tricolor* L.
var. Clark's Heavenly Blue.
12 (21) Flowers at first sky blue - turning red
as shown by dry specimen.
Given to G. given from W. Atlee Burpee's seed
Her. of Nat. 1944 in H.A. Allard's garden, 3000-
Arboretum 7th St. N., Arlington, Arlington Co., Va.
coll. Oct. 26-44, by H.A. Allard.

11146 (16) *Calonyction mucicatum* G. Don.
Fls. purple, small. A moon vine
sold as Giant forms red moon flower by Burpee.
See # 11123. Stamens and pistil included
Hanested specimen Sept. 24, 1944
H.A. Allard. G. sheet given to
Her. of Nat. Arboretum.

11147 *Sporocaea hederacea* (L.) P. see # 11125
111 (21) From same plants Sept. 24, 1944, H.A. Allard
Never sets seed. Flowers deep violet purple,
turning crimson on wet day and in drying.
14 given to Her. of U.S. Nat. Arboretum.

11148 Leaves, flowers at Glenview and pink Butter.
(71) Tree in H.A. Allard's garden, 3000-7th St. N.,
Arlington, Arlington Co., Va. Oct. 8, 1944.
H.A. Allard.

(Pub. in *Rhodora* 44; 262-266. 1942)
several sheets given to
Her. of Nat. Arboretum

11149 *Helianthus tuberosus* L.
(4) The form in my garden, 3000-7th St. N.,
Arlington, Arlington Co., Va.
Very large, showy form; produces slender
rhizomes. Has become a pest here.
Oct. 8, 1944. H.A. Allard

11150 (31) *Sporocaea purpurea* (L.) Roth
In H.A. Allard's garden, 3000-7th St. N.,
Arlington, Arlington Co., Va.
(abundant here) - Oct. 8, 1944
- H.A. Allard. Fl. blue-

Lepiota morganii Peck
whitish scaly on top. Growing in
area way (covered) between her house and
farm at Allard's 3000-7th St. N., Arlington
Va Oct. 22, 1944. Ident. by John A. Stevenson
Myxology. Poisonous to most people.
Has caused death of children



11152 *Common moon vine*
(16) *Calonyction aculeatum* House
From same plants as # 11139.
same locality, date = October 22, 1944
3 sheets given to Herb. of Nat. Arboretum.
H.A. Allard.

11153 *Sophoclela leucii* Papt.
(18) From same plants as # 11147
3 sheets given to Allard's place, 3000-7th St. N.,
H.A. Allard, H. A. Allard,
Herb. of Nat. Arboretum. Oct. 22, 1944

11154 *Calonyction aculeatum* House
*(21) f. *apoletatum* Allard
From same plant, given 1944 at H.A. Allard's
place, 3000-7th St. N., North, Arlington, Va
October 22, 1944. Given to H.A. Allard.

11155 Fungi on *Helianthus tuberosus* L.
(many bases) leaves beneath, in my garden - Oct. 5, 1944
spots dark brown. H.A. Allard.
= *Puccinia helianthi* Scher. III on *shoewarts* strain.

11156 *Alga* - olive green on
(15) shaded rocks west of Pond Mt., Pond Mt.,
Va., Virginia
Tangier Co.
March 11, 1945
H.A. Allard

11157 Gray, handsome lichen
(3) on rocks of cliffs near
* 11156

Crustose lichen
found on cliff near

11158 * 11156
(2) abundant

Pond Mt., Va.
Tangier Co.,
On cliff
marsh 11, 1945
H.A. Allard,

11159 Crustose rock
(4-5) lichen.
with # 11158

11160 Crustose rock lichen
(2) with # 11158

11161 small rock lichen
(4-5) (gray). ~~11158~~
On rocks of low stone wall
below # 11158

11162 Same as # 11161
(4-5) On diff. rock, near
* 11158

11163 Lichen on tulip poplar
(4) grayish patches on smooth
bark - germ? Microleptidea ditto

11164 Moss, on
(2) moist or wet rocks
in wet ravine, in brook ditto

Moss. On wet rocks
in brook in moist
ravine, with # 11164

11165

(1)

Pond Mt., Va
Fauquier Co.
March 11, 1945
H.A. Allard.

11166 Moss
on wet rocks in same
ravine with # 11165

11167 Rock lichen
(2) on boulders in
woods west slope below
High Point

Bull Run Mt.,
west of High Point
Fauquier Co., Va
March 18, 1945
H.A. Allard

11168 Rock lichen
(2) with # 11167

11169 Rock lichen
(3) near # 11167

11170 Lichen on bark of
stump near Castellaz Spring

Hopewell
gap and
west slope
below High Point
March 18, 1945
H.A. Allard

11171 Mosses
at base of tree near
Castellaz Spring.

Bark lichens
On stump near
Castellaz spring

Bull Run Mt., Va
Fauquier Co.
March 18, 1945
H.A. Allard

11172

(1)

11173 Mosses on ground
in pine woods, near
Castellaz Spring

ditto

11174 Willow - staminate
(5) and pistillate. In
high broomedge pasture
west of Castellaz
Bark smooth - even shining.
3 - 3 1/2 feet tall

11175 Salix huberianum -
(4) In same area as # 11174. Ft
many plants which were pistillate, only
two staminate seen - see # 11174

11176 Yarrow aequifolium -
" ornamental

Allard's garden
Arlington, Va
March 18, 1945
H.A. Allard

11177 Moss in crevice of
quarry rock below
High Point cliff

April 1,
March 25, 1945

11178 Fungus on limb
rotundifolia 1 mile
(east) below Beersby Mill on
Broad Run
Penicillium similans Schr III

April 1, 1945

3 miles down Broad Run Pond Mt. area, Va
from Beverly Mill April 1, 1945
11179 *Fragaria (red) on Claytonia* H.A. Allard
(several) *virginica* (yellow cups)
= *Puccinia mariae-wilsoni* G.W. Clere
0-1

11180 *Viola* Bull Run Mt. Va
("yellow") April 1, 1945
" along Broad Run in rich
mixed woods 3 miles below Beverly Mill
H.A. Allard
Local.

11181 *Viola (blue)*
" 1 mile below Beverly Mill
in rich, deciduous wood
along Broad Run; frequent

11182 *Populus*
" in deciduous woods on high
conglomerate bluffs 1 mile below
Beverly Mill, along Broad Run.

11183 *Carpinus*
" with # 11182

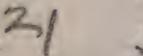
11187 *Ulmus fulva* Nichols
("1 Near # 11183, in moist
moist; frequent.

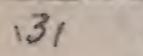
11185 *Primula americana* Marsh
("1 Near # 11183, in flood plain
of Broad Run; frequent, full
bloom.

Erythronium americanum Her Bullock St. Va
in moist rich alluvial soil April 1, 1945
11186 along Broad Run H.A. Allard
3 miles below Beverly Mill.
" Common

11187 *Quercus palustris* Muench
("1 In upland forest near
Broad Run 1 mile below
Beverly Mill; frequent.
Corns and cups very small, shallow

11188 " 
" *Sassafras albidum* (Nutt.) Nees
Near # 11187. May be the same
or not, but all degrees of
intervariety anyway.

11189 " 
" *Spiraea hispida* Muhl
In moist alluvial flood plain on
bank of Broad Run 2 miles
below Beverly Mill; frequent.

11190 " 
" *Spiraea*
small double flowers.
H.A. Allard's yard
3000-7th St. North
Arlington, Va
April 19, 1945

11191 *Spiraea*
("1 In front yard.
Leaves smooth, narrow, few teeth
toward tip.

11192 *Linaria canadensis* (L.) Dumort
("1 Especially on potash plots at
In sandy soil. upper Marlboro 2nd.
Prince George Co. April 19, 1945. H.A. Allard.

Veronica arvensis L. Pond Mountain
In pastures at left of East slope -
New Baltimore Road south of house
11193 just south of Beverly Mill elev. April 22, 1945
(2) H.a. alluv. common.

11191 Krigia virginica (L) Willd. near
In pasture - common. # 11193

11195 *Ulmus americana* L.
forma pendula (Ait.) Fenzl ^{ditto}
Along Broad Run ^{and} f. laevior ^{terru}
3 miles below Beverly Mill.
3 of 11195 - A from same tree. Leaves nearly ^g
4 11195 - B " " smooth above; young ^g
See *Rhodora* 47: 133, 1945 has white pubescence.
11195 C = sap from same tree = f. laevior ^{terru}.
11195 D = sap " " " "

11195-B " " " smooth bark, pubescent
See Rhodora 47:133, 1945 has white pubescence
11195C = sap from same tree = f. laevior term.
11195D - These " " " f. laevior
Betula lenta L. on lumpy conglomerate
cliffs (Triassic) middle south of Beverly Mill
The only locality, and my first collections. ditto

11197 *Ceratium sanctana* Raf
(2) on sandy flood plain soil along
Broad Run 3 miles below
Berkeley Mill; common

11198 *Ceratodon purpureus* L.
(2) var *linsleyi* — Finet ditto
In old field near # 11197; common

11190 *Rhododendron nudiflorum*
(L.) Torr. var. glanduliferum ditto
(3) (Porter) Rehd.
On same cliff near # 11196
Full bloom.

Plantago virginica L. Pond Mt. area
on sandy flood plain soil of old
field south of Beverly Mill H.A. Allard
April 22, 1945
11200 county, Va
3 miles.

11201 *Viola kitaibeliiana* Roem. & Schultes
p1 var *rafinesquei* (Greene) Fern. ditto
along Broad River near # 11200

11202 ~~spec.~~ = *Cyatopteris fragilis* (L.) Bernh. ditto
31 ^{Ident. by Mapou.} _{var. *protrusa* Weatherby.} ditto
In sandy blood plain soil in
rich woods along Brook ^{Run} _{at}
foot of Triassic ~~the~~ Conglomerate cliffs
inside south of Beverly Mill.

11203 ^{Moors} " on pasture on hogback at left of
New Baltimore road, and just
below Borerly Mill.
In sterile, shallow soil

14204 Asarum reflexum Bickn. ditto
13, in moist flood plain soil
1 mile below Borenly on Broad Run.

11205 ^{Emilof} In flood plain along
1²) Broad Run 3 miles below
Beverly Mill. ↓
ditto

11206 Salix sericea Marsh. ditto
(3) along stream in low ground
on East slope Pond Mountain
one mile below Basherby Mill.
(Fertile and sterile shoots)

Ranunculus bulbosus L. Pond Mt. area Va
In pasture at left of New
Baltimore road just ^{Country} April 22, 1945
below Beverly Mill. H.A. Allard
(2, (Peduncles not noticeably furrowed.)

Dicroidium
11208 at Triassic conglomerate
cliffs 1 mile below
Beverly Mill. ditto

11209 Gramineae
" with # 11208, on
same cliffs. ditto

11210 *Luzula*. ditto
" with # 11208

11211 *Salix nigra* Marsh.
" stamineate twigs only, growing
in close association with # 11206. ditto

11212 Small fungi (small brackets) on
dead branches ^{on ground} 3 miles below
Beverly Mill; on Broad Run. Pond Mt.
May 6, 1945 H.A. Allard
Parmelia sulcata Fr.

11213 small polypore on
dead branch near # 11212 ditto
= *Polyporus arcularius* Batsch ex Fr.
Ident. by J. A. Stevenson.

Malva neglecta walls
Runts on it. Found at
11214 Beverly Mill.
(several) Broad Run
May 8, 1945 H.A. Allard
Frangier Co.

11215 *Ulmus americana* L. Pond Mt. area
f. pendula Fern. May 6, 1945
(17) (nearly smooth above; handles H.A. Allard
irregular, all cross Frangier Co.
same tree, near Broad Run
2 1/2 miles below Beverly Mills.

11216 *Fragaria ananassa* Marsh
(8) Near # 11215. abundant ditto
along Broad Run.

11217 *Trifolium incarnatum* L.
" in alluvial soil along ditto
Broad Run 3 miles below
Beverly Mills; occasional escape.

11218 *Celtis occidentalis* L. var *caroliniana* (Raf.)
(4) along Broad Run 3 miles
below Beverly Mills. Common here
and of huge size. Leaves smooth
above, glaucous beneath mostly.

11219 *Lichen*
" (small, gray) On conglomerate
rocks 2 miles below Beverly Mill ditto
on Triassic rocks; abundant here.

11220 *Ornithogalum umbellatum* L.
(1) along Broad Run on alluvial ditto
soil 3 miles below Beverly Mill.
An escape, not occasional.

Asplenium trichomanes L. Pond Mt., area
on limy conglomerate, Triassic Fraxinus Co., Va.
outcrops 3 miles south May 7, 1945
11221 of Beverly on Broad H.A. Allard.
" Run. Infrequent

Near to area.

Hedera pubescens var.

" On same cliffs with # 11221

ditto

11222 *Parthenocissus quinquefolia* (L.) R. Br. ditto
(3) var. *hirsuta* (Durm.) Tern. f. *lancea*.
with # 11221, on same cliffs.

11221 *Aristolochia rotundifolia* Bickn. ditto
(3) Along blood plain of Broad Run 3 miles below Beverly Mill; abundant.

11225 *Carex* Beverly Mill on ditto
" 3 miles below Broad Run in ditto
thickets in alluvial soil
= *C. cespitosa* Michx.

11226 *Carex Jamesii* Schneid. ditto
" Near # 11225; same habitat etc.
(Near to area)

11227 *Carex blanda* Denney ditto
(3) In same thickets etc.
with # 11226

Hydrophyllum virginianum L. Pond Mt., Va
on alluvial flood plain Tranquill Co.
soil on Broad Run H.A. Allard May 7, 1945
11228 2 miles below Beverly Mill.
(2) Frequent.

Carex emersa Denney

11229 ^{wooded} " in swamp 2 miles below ditto
Beverly Mill, near highway to
New Baltimore.

11230 *Osmunda cinnamomea* L.

(3) with # 11229 - same habitat - ditto
a cold, wooded swamp.

11231 *Dryopteris*

" with # 11230 ditto
infrequent.

11232 *Malva neglecta* Wallr.

(2) In waste ground at ditto
Beverly Mill. See # 11214
(Mr. Ditch is interested)

11233 *Ranunculus bulbosus* L. ditto
In pasture just below
Beverly Mill at left of highway
to New Baltimore.

11234 *Pedunculus furcatus* (L.) ditto
Tessaria austirnum L.
from Shearles M., Culpepper - from
Virginia where found on Aquia Creek
Va, on old Rosemary Lee estate, near Brinsford.
1/2 mile above So. R.R.

11235 *Carex radiata* (Wahl.) Denay Pond Mt. area, Va
Intruded in alluvial soil Fangtier Co.
along Broad Run 3 miles
below Beverly Mills, H.A. Allard.
" May 6, 1945

11236 *Impatiens* - *Liflora* Nutt. Pond Mt. area
Fangtier Co.,
Fungi spots on along Broad Run
(several) long - stems May 13, 1945
3 miles below Beverly Mills, H.A. Allard.
A.S. along Broad Run

11237 *Carex grisea* Vahl. (ntr.) Nutt. Pond Mt. area, Va
(2) In damp shaded
habitats in back yard. H.A. Allard
Arlington, Arlington Co.,
Va. 3600-7th St. N.
H.A. Allard

11238 *Carex laevigata* (L.) Muhl. ditto
with # 11237
" *Carex leavenworthii* Denay ditto

11239 *Carex sylvatica* (Tern.) Mack. Pond Mt. area, Va
" In wood road near Fangtier Co.
Broad Run 1 mile below May 13, 1945
Therofare Gaf. H.A. Allard.

11240 *Carex pellucida* Muhl. ditto
(2) In woods along Broad Run
2 miles before Therofare Gaf; in ditto
dry soil

11241 *Carex typhina* Michx. (?) (2)
(8) 2½ miles below Therofare Gaf ditto
on Broad Run alluvial floodplain
in ~~shrub~~ moist habitats

Carex flacca (L.) Muhl. Pond Mt. Va area
wet, along brook Fangtier Co.,
In moist soil along broad plain May 13, 1945
Broad Run as flood plain H.A. Allard.
11242 2½ miles below (3) Therofare Gaf. ditto
(5) alluvial flood plain soil.

11243 *Carex fuscata* Schkuhr ditto
(7) On wooded banks along
Broad Run 2½ miles below
Therofare Gaf; above the flood plain area;
abundant.

11244 with # 11243; frequent. ditto
(3) ~~in~~ *Carex oligocarpa* Schkuhr.

11245 *Carex shortiana* Denay ditto
(3) In moist blood plain soil along Broad Run 2½ miles below
Therofare Gaf.

11246 *Krigia flabelliformis* (L.) Nutt. ditto
" On bank near 11243; infrequent.

11247 *Celtis occidentalis* L. var. *canina* (Raf.) Arg. ditto
(4) On banks above blood plain of
Broad Run 2 miles below Therofare Gaf. ditto
(2) (3)

11248 *Galium trichotrichum* L. ditto
(3) On swamp on blood plain of
Broad Run 3 miles below Hopewell Gaf.

Moss on shallow pools
in swamp woods along
Broad Run 3 miles below
Thoroughfare Gap. along Broad Run.
11219 May 13, 1945

Carex amoenus Bickn. Pond Mt. area, Va
var. xanthocarpa (Bickn.) wieg. in Fauquier Co., Va
In damp soil in pasture May 20, 1945

11256, shrub below H.A. Allard
Thoroughfare Gap on
Broad Run

(near to Bull Run area)

11250 Cyatopteris fragilis (L.) Bernh. var.
(3) on low woods on flood plain
of Broad Run near # 11249 ditto
Locally abundant.

11251 Euphorbia corollata Bartlett.
on dry clay soil in old field ditto
south of Thoroughfare Gap 1 mile, at left
of Little Baltimore highway.
subsp. mentalis.

11252 Vitis
(2) in thickets at edge of field ditto
near # 11251.

11253 Smilax rotundifolia L.
(4) in same thickets with # 11252 ditto
common. Rootstocks long, not tuberous.

11254 Carex shortiana Denney
(3) in dry turned over thickets, but date May 20, 1945
1/2 mile below Thoroughfare Gap, H.A. Allard
near Broad Run

11255 Carex amoenus Bickn.
(3) in moist soil in pasture ditto
1/2 mile below Thoroughfare Gap
near Broad Run.

11257 Carex pleurella Denney ditto
(2) on dry wooded slope
along Broad Run 2 miles below
Thoroughfare Gap.

11258 On same bank near
Carex hirsutella Mack. ditto
(3) * 11257

11259 Carex clypeolata Muhle.
(4) in wet spot in open pasture ditto
1/2 miles below Thoroughfare Gap, ditto
near Broad Run.

11260 Carex articulata Mack.
on same dry wooded bank ditto
near # 11257

11261 Carex articulata Mack.
on same bank with # 11257 ditto

11262 Carex grisea Wahl.
(3) on dry wooded slope ditto
on Broad Run 3 miles below
Thoroughfare Gap.

Carex shortiana Desv. Pond Mt., Va
In very wet boggy soil
on alluvial flood. Fauquier Co
11263 plain, in woods May 20, 1945
H.A. Allard.

(3) On Broad Run 3 miles
below Thoroughfare Gap.

11264 In water and boggy ditto
(3) soil with # 11263; locally ditto
abundant here; ~~my first~~
~~locality for the species in area.~~
11265 *Carex squarrosa* L.

11265 *Carex lurida* Wahl. ditto
(5) In wet soil along pasture
brook ss 1/2 miles below
Thoroughfare Gap, at left of
New Baltimore Highway

11266 *Oxalis* ditto
(5) In old field 1 mile below
Thoroughfare Gap and east of New
Baltimore Highway; abundant.
Very compressed pubescent.

11267 *Smilax hispida* Muhl. ditto
(1) In thicket along Broad Run
1 mile below Thoroughfare Gap.

11268 *Ulmus americana* L. ditto
(5) f. laevis var. f. laevis
On slope on Broad Run 3 miles below
Thoroughfare Gap. Leaves nearly smooth above,
and also branchlets glabrous.
(appear to be segregates, and
shown in intermediates)

11269 *Heuchera* ditto
On dry wooded slope near
11268; frequent.

Celtis occidentalis L. Pond Mt., Va
var. *canina* (Raf.) Sarg. Fauquier Co.
May 20, 1945 H.A. Allard

11270 On wooded slope
(3) near # 11268; frequent;
trees very large.

11271 *Tropaeolum lancolata* Benth. ditto
(6) (From same tree).
Growing near # 11270
(some pubescence on leaves beneath)

11272 *Anthopantherum odoratum* L. ditto
(2) In meadow near Broad Run
2 miles below Thoroughfare Gap;
frequent.

11273 *Sphenopholis intermedia* (Rydb.) Rydb. ditto
(1) In moist woods along
Broad Run 2 1/2 miles below ditto
Thoroughfare Gap.

11274 *Geranium* ditto
(3) In same field with # 11266 ditto

11275 *Trifolium procumbens* L. ditto
(1) In old pasture at left of New
Baltimore Highway 1/2 mile below
Thoroughfare Gap; abundant

11276 *Gramineae* ditto
(4) In H.A. Allard's pond beyond garden,
in low, rich, partially shaded ground.
Abundant and in dense stands here.
3000 - 7th St. North, Arlington, Va.
May 29, 1945. H.A. Allard.

Rust & on leaves
of Arisaema atrorubens (L.) Blume,
just below ^{close thicket.} ~~Bergly Mills~~, in rich
soil, at left of highway to
New Baltimore, Fangier Co., Va.
Pond Mt. area June 3, 1945. H.A. Allard.
- Uromyces caladii (Schw.) Fr. (3 stages)

11277 Dianthus prolifer L. Pond Mt. area.
(2) Fangier Co., Va.
in old pasture just below ^{along Broad Run} ~~below~~ ^{below} ~~Thoroughfare Haf.~~
Thoroughfare Haf at left of New Baltimore ^{June 3, 1945} highway. H.A. Allard
11279 Ranunculus acris (L.) ^{Thick.} ^{local}
with # 11278; abundant here
(Bracts shorter than normal) ditto

11280 Panicum
(3) On dry, roadside bank just
south of Thoroughfare Haf on
New Baltimore Highway. ditto

11281 In mud and water in brook
at left of New Baltimore highway. ditto
(4) just south of Thoroughfare Haf?
G. ^{yellowish} Gratiola neglecta (Gratiola virginianum L.) New to
area.

11282 Pentstemon lanceolatus (L.) Willd. ditto
(1) In pasture meadow ditto
1 mile below Thoroughfare Haf
near Broad Run.

11283 Rosa carolina L.
2 In old pasture 1 mile south ditto
of Thoroughfare Haf near Broad Run

Dryopteris moretaracensis (L.) a. Gray Pond Mt. area, Va.
on shaded brook bank Fangier Co.
June 3, 1945
11284 ^{1/2 miles} below H.A. Allard,
Thoroughfare Haf, near Broad Run,

11285 Verbena angustifolia L. ditto
(2) In low pasture near Broad Run 2 miles below Thoroughfare Haf.
New to area; local, infrequent.

11286 Panicum
(1) In damp soil in low ground
pasture 2 1/2 miles below Thoroughfare Haf near Broad Run ditto

11287 Pentstemon laevigatus Soland
(4) In low ground thicket 2 miles below Thoroughfare Haf near Broad Run ditto

11288 Carex lirionella Mack
(1) In damp soil in pasture 2 1/2 miles below Thoroughfare Haf near Broad Run ditto

11289 Juncus tennis Willd
(1) In damp soil near # 11288 ditto

11290 Juncus tennis Willd.
(1) In damp soil near # 11288 ditto

Panicum
In damp soil in thickets
near Broad Run $2\frac{1}{2}$ miles below Thoroughfare Gap.
(3) H.A. Allard.

Pond Mt. area, Va
Frangier Co.,
East of New
Baltimore highway,
June 3, 1945
H.A. Allard.

11292 *Carex hirsutella* Mack
" In damp soil in thickets $2\frac{1}{2}$ miles below Thoroughfare Gap, ditto
near Broad Run.

11293 *Carex squarrosa* L.
(1) In wet soil $2\frac{1}{2}$ miles
below Thoroughfare Gap near
Broad Run.

11294 *Holcus lanatus* L
(2) In damp soil in pasture near
Broad Run $2\frac{1}{2}$ miles below
Thoroughfare Gap.

11295 *Panicum*
(3) In old field 3 miles below
Broad Run near Broad Run
Thoroughfare Gap.

11296 *Carex cephalophora*
(1) In dry soil on bank on
Broad Run 3 miles below
Thoroughfare Gap.

11297 *Panicum*
(3) Near # 11296 in
woods.

sutellaria
Pond Mt., Va
Frangier Co.
In moist shaded woods along
Broad Run 3 miles below
Thoroughfare Gap; infrequent
H.A. Allard.
" East of
New Baltimore
highway.

11299 *Houstonia purpurea* L
" In old pasture 3 miles below ditto
Broad Run Thoroughfare Gap
near Broad Run; common.

11300 Grass
(4) In rich woods on bank along
Broad Run 3 miles below ditto
Thoroughfare Gap.

11301 *Oxalis gratiosa* A. Gray
(5) In rich soil in woods $2\frac{1}{2}$ miles below Thoroughfare Gap
on Broad Run.
= *Parietaria perfoliata* Nash.

11302 *Lysimachia nummularia* L
(2) On flood plain of Triassic
on Broad Run 2 miles below
Thoroughfare Gap; infrequent in area.

11303 *Oxalis violacea* L
(2) + one leaf from each of 36
other plants in this colony - all
with glabrous petioles, on flood
plain of Broad Run 2 miles below
Thoroughfare Gap.

11304 Thoroughfare Gap.
(1) *Carex squarrosa* L
In damp soil on flood plain of
Broad Run 2 miles below Thoroughfare
Gap.

Oxalis

On wooded bank on
11305 Broad Run
" 1 mile below
Thorough Gap.

Pond Mt., Va.
Fauquier Co.,
East of New Baltimore
highway near
Broad Run.
June 3, 1945
H.A. Allard.

11306 Bromus

(5) In right woods on bank of
Broad Run 3 miles below
Thorough Gap; abundant here

ditto

11307 Mrysotis virginica (L.) B.S.P.

" In damp soil in pasture $2\frac{1}{2}$
miles below Thorough Gap near
Broad Run

ditto

11308 Cyperus filiculmis Vahl

" In dry pasture on bog bank
just south of Thorough Gap and
east of New Baltimore highway.

ditto

11309 Carex bushii Mack.

" In dry soil on bank on
Broad Run 3 miles below
Thorough Gap.

ditto

11310 Panicum

(2) H.A. Allard's sub-yard
3000 - 7th. St., North,
Arlington,
Arlington Co., Va.
June 8, 1945
H.A. Allard

11311 Gratiola neglecta

(3) G. virginianum L.
In mud along brook just
south of Thorough Gap.
east slope - pasture

June 10, 1945
H.A. Allard

Sericocarpus linifolius (L.) B.S.P. Pond Mt., area,
on dry east slope pasture Fauquier Co.
of Pond Mountain just June 10, 1945
11312 south of Thorough Gap. H.A. Allard
(2) just coming into flower.

11313 Gramineal (In sterile pasture with
ditto
" 11312 = Feature obtusa
(Mostly maturing.)

11314 Gramineal

" In thicket in pasture
on east slope of Pond Mt., just
Thorough Gap.

ditto

11315 Scutellaria perfoliata (L.) A. DC.

(2) Flowers pure white when fresh; ditto
changed to bluish on drying
In pasture on west slope Pond Mountain
2 miles below Thorough Gap
(May find & compared with the bluish form)

11316 Gramineal

" In moist soil in pasture
thicket 2 miles below Thorough
Gap, on west slope Pond Mt.

ditto

11317 Bromus

(2) In damp soil in an opening
in forest 2 miles below Thorough
Gap, along a brook which has cut
an unnamed gap through Pond Mt.

ditto

11318 Gramineal

" Near # 11317

ditto

Panicum
In thickets in moist
soil along brooks and
wood road through
a gap of Pond Mountain
2 miles south of Thorofare Gap.)
Pond Mt., Va.
Franquier Co.
June 10, 1945
11319

11320 Gramineal
In same locality with # 11319 ditto
(")

11321 Gramineal
In same locality with # 11319 ditto
(")

11322 Gramineal
In damp soil in same locality
with # 11319 ditto
(")

11323 *Panicum*
In dry soil of old brown sedges
field covered with pines, on east
slope of Pond Mountain 2 miles
south of Thorofare Gap.
(")

11324 Carex
In same habitat with # 11323 ditto
dry brown-sedge field with open
stands of pines.

11325 Gramineal
In moist soil along brook
in woods on east slope Pond Mt. ditto
1/2 mile south of Thorofare Gap.

Geranium columbinum L. Pond Mt., Va.
In pasture thicket 2 miles Franquier Co.
32° south of Thorofare Gap, June 10, 1945
H.A. Allard.
13/

11327 *Vicia villosa* Roth ditto
(" along pasture road near
11326. An escape established
in places.

11328 *Vicia angustifolia* (L.) Reichard ditto
(" with # 11326; in fruit only.

11329 *Lyonia ligustrina* (L.) DC. ditto
(" In thicket along brook
in a gap 3 miles south of Thorofare
Gap.

11330 *Trifolium procumbens* L. ditto
(" In moist spot in wood road 3 miles
south of Thorofare Gap, on west slope.

11331 *Hieracium venosum* L. ditto
(" See Nernstal's var. or form)
on dry bank near # 11329

11332 *Sutellaria* ditto
(" on bank in woods along
wood road in valley gap 3 miles
south of Thorofare Gap.

Sisymbrium grammoides Bieb. Pond Mt., Va.
In open moist habitat. Fangmier Co.
11333 in wood road. June 10, 1945
(2) by brook in water. H.A. Allard.
just 3 miles south of Thorofare Gap.

11334 *Vaccinium varillans* Tarr. Frukt. ditto
(4) ripening. In open dry pine woods
in pasture 1 mile south of Thorofare Gap,
on east slope.

See W.H. Camp, "The North American blueberries"
with notes on other groups of *Vaccinium*.

11335 (1) *Brittonia* 5: 203-275, 1945
Bushes in large clumps $1\frac{1}{2}$ -2 ft. tall.

Leionurus cardiaea L.
Around old home site on east slope ditto
1 mile south of Thorofare Gap.

11336 *Quercus alba* L.
(6) On east slope, mile south ditto
of Thorofare Gap.

11337 (2) H.A. Allard's yard
3000-7th St. North
Arlington, Va
June 19, 1945
H.A. Allard.

11338 white flowered form of
Spiraea Anthony Waterer
(*Spiraea*) ditto

11339 pink flowered
Spiraea Anthony Waterer
Spiraea ditto

Psallidium sativa L
Creaper in my
11340 garden.
(5)

Mimosa tree

11341 (3)

11342 *Clematis*
(4) Hart. var. Ramona

H.A. Allard's ground
3000-7th St. North
Arlington Co., Va
June 19, 1945
H.A. Allard.

But June 28, 1945
H.A. Allard.

June 28, 1945
H.A. Allard.

11343 *Onion allium*
(3) Common garden var.

ditto
Allard's garden
June 15, 1945
H.A. Allard

11344 *Allium*
(2) In deep ground.
Fl. purplish red.

W. dig the one descending from propagules
of Blakely's find near Chesapeake Bay, June 15, 1945
H.A. Allard.

11345 *Oxalis europaea* Jordan
(6) f. *cymosa* (Small) Wieg.

ditto
Allard's ground
June 15, 1945
H.A. Allard.

11346 *Gramineae*
(6) In lower part of
garden - abundant.

June 15, 1945
H.A. Allard.

Trumpet Vine
Campsis radicans (L.) Seeman 3000-7 Dr. St. North
Hort. var. Hart. var. Arlington, Va.
11347 Judge 28, 1945
(31) (Leaves and leaflets
abscess very badly in press.)

Rosa
Vine glandular-pubescent, confluent
beneath, teeth, bracts etc. with
mossy rose gall
11351 *Diplolepis rosae* Linn. H.A. Allard
on twigs. In old ^{unimproved} ^{area east of New Baltimore}
field south of Beverly Mill, part of
~~culmagois~~ ~~hedge~~ highway.

11348 *Hibiscus cyscius* L.
(31) (fl. purplish red.)

date: ditto
July 5, 1945
H.A. Allard.

11349 *Galium*
(2) A garden form - called
Baby's breath.
(Cultivated)
stems etc. glabrous.

allardia grounds
July 5, 1945

11350 *Diocorea*
(2) (cinnamon vine) ~~spot~~
Vine bearing female flowers.
Filament tuber just appearing now,
but very tiny.

ditto

11351 *Ruellia*
(3) In damp ditch
- near Beverly Mill.

Pond Mt. area,
Fauquier Co., Va.
July 14, 1945

11352 *Polygala amara* Nutt. ^{area east of New Baltimore highway.}
(1) On dry ^{hedge} hillside ^{hedge}
just south of Beverly Mill, east slope,
east of New Baltimore highway.

H.A. Allard

11353 *Hypericum densiplorum* Pursh
(31) On hogback in hedge near
11352; common; full bloom.
Very showy.

ditto

11355 In moist hedge thicket
along brook just beyond # 11354;
(2) Very abundant forming dense
hedge here.
Hum. canadensis Jacq.

11356 ~~Hedelia virginiana~~ (L.) L. ¹⁹⁴⁵
(31) In moist thicket near # 11355.
abundant.
Cirsaea quadrivalvis (Maxim.) Franch. & Sav.
var. *canadensis* (L.) Hora.

11357 *Panicum*
(3) In less ^{less} ground thicket near
11355 ^{1 mile south of Thorofare}
Gap; abundant.

11358 *Panicum*
(3) In same less ground thicket
near # 11355; common.

11359 *Anagallis arvensis* L.
" In old field near Broad Run
south of Thorofare Gap 1 mile;
infrequent.

11360 *Pyantherum elatum* (Walt.) ¹⁹⁴⁵
(31) In old fields 1 mile south of B.R.
Thorofare Gap, near Broad Run
east of New Baltimore highway; abundant.

Centotheca linearis Michx. Pond Mt. area, Va.
In old field near Broad Faquier Co.,
11361 July 14, 1945
bush, east of New Baltimore highway, 1/2 miles south H.A. Allard.
1/1 of Thoroughfare Gap; in the area east of New Baltimore
highway.

Teucrium canadense L. ditto

11362 In fence row thickets near
Broad Run east of New Baltimore
highway, and south of Thoroughfare
Gap; locally occurring.

Polygonatum commutatum (R. & S.) Dietr., with 11366

11363 *Teucrium canadense* L.

1/1 In fence row thickets 1/2 miles ditto
south of Thoroughfare Gap, east of New
Baltimore highway, near Broad Run
locally occurring; full bloom.

11364 *Menispermum canadense* L.

1/1 In same fence row thickets with ditto
(5) # 11363; climbing high, 10-12 ft.; ditto
no signs of buds; flowers later;
infrequent.

11365 *Cuscuta arvensis* Benth.

1/1 on *Euphorbia corollata* L. ditto
Near # 11364 in old field, near
Broad Run Creek; very to area.

11366 *Hytris rotula* Moench.

1/1 On slope on Broad Run, ditto
rich woods 2 miles south of Thoroughfare
Gap, east of New Baltimore highway; frequent.
Not chattering. (At Conglomerate

11367 *Elymus virginicus* L. var. ^{outcrop} ditto

1/1 On banks of Broad Run
2 miles south of Thoroughfare Gap,
near # 11366; frequent.

Solidago altissima L. stems Pond Mt. area
with galls - Leafy mass = Faquier Co., Va.
apical = goldenrod bunch gall East slope east of New
Baltimore highway.

11368 *Rhopalomyia* July 14, 1945
" solidaginis L. H.A. Allard.

Lower globose, on stem = goldenrod
ball gall = *Eurosta solidaginis* Fitch

11369 *Solidago altissima* L.

1/1 with # 11368, with ditto
cluster of bases - ie goldenrod
bunch gall *Rhopalomyia* solidaginis L.

11370 *Silene stellata* (L.) Ait.

1/1 In rich woods 2 miles south ditto
of Thoroughfare Gap east of New Baltimore
highway - near conglomerate outcrop).

11371 *Bromus*

1/1 Near # 11370 in rich woods ditto

11372 *Pyranthemum*

1/1 on rocky, woody bank by highway ditto
to New Baltimore, east slope, just south
of Thoroughfare Gap; frequent.
Strikingly whitened.

11373 *Vitis*

1/1 On thickets near New Baltimore ditto
highway, east slope 1 mile south of
Thoroughfare Gap.

11374 *Vitis labrusca* L.

1/1 Sap thicket on New Baltimore
highway, near # 11373.

Amelanchier blanda (L.) Fries,
var. *typica* Pennell.
Along road road 1 mile
11375 south of Thoroughfare Gap; in frequent.
H.A. Allard.

11376 *Cissus vulgaris* (Lam.)
In meadow near (Sandy) Avery-Sherman
2 miles south of Thoroughfare Gap; frequent.
H.A. Allard.

11377 *Daucus carota* L.
flowers dark purplish red, showy. ditto
In old field near # 11376. Occasional
reddish flowers seen but this very striking
in deep color, as deep as golden ferns.
11378 *Physalis heterophylla* Nees
at edge of cornfield 2 miles south of
Thoroughfare Gap; frequent.
H.A. Allard.

11379 *Physalis heterophylla* Nees.
at edge of old field south of
Thoroughfare Gap 1 1/2 miles (near
11364; locab.)

11380 *Boraginaceae* *Hesperis matronalis* L. J.M.
In damp rich woods near
conglomerate outcrop 1 1/2 miles south
of Thoroughfare Gap, long Broad Run.

11381 Dwarf form of *Daucus carota*
from old field near Broad Run
1/2 miles south of Thoroughfare Gap.

Pond Mt. area,
Fairfax Co., Va
east of New Baltimore
highway. July 14, 1945
H.A. Allard.

11382 *Cicuta maculata* L.
(")

Pond Mt., Va
1/2 mile south of Thoroughfare Gap, east of New
Baltimore highway, July 14, 1945
H.A. Allard.

11383 *Sorghum vulgare* (L.) Pers.
Locality Woods near
Thoroughfare Gap at Bearly Mill,
The only locality in
the area.

11384 *Vitis aestivalis* L.
H.A. Allard's yard
3000 - 2nd St. North, Arlington
Arlington Co., Va. July 16, 1945
H.A. Allard. fl. blue-purple
foliage aromatic

11385 *Gramineae*
at H.A. Allard's house,
beside walk.
July 16, 1945
H.A. Allard.

11386 *Clethra alnifolia* L. white fl.
From Charles W. Culpepper's
grounds, 4435 North Pershing Drive,
Arlington, Arlington Co., Va.
July 20, 1945.

11387 *Clethra alnifolia* L. (pinkish
fl.)
From C.W. Culpepper's place above, July 20, 1945.

11388 From Culpepper grounds above,
some date.
(*Calligrapha* 1/2 pinkish fl.
Purchased by him)

Symplocarpus racemosus Michx.

From Charles W. Culpepper's grounds.

11389 4435 North Pershing Drive,
Arlington, Arlington Co., Va.
July 20, 1945. H.A. Allard.

(Purchased by him as ornamental)

11390 *Vitis* species: fl. pinkish.
(b1) From Culpepper's grounds, same date.
H.A. Allard above.

11391 *Vitis agnus-castus* L. fl. pinkish
From C.W. Culpepper's grounds blue.
and same date as above grounds.
H.A. Allard

11392 Legume - sp. cl. reproductive
from C.W. Culpepper's grounds
(4) July 20, 1945. (Ornamental)
H.A. Allard.

11393 *Hydrangea* sp. fl. white
(31) From Charles W. Culpepper
grounds July 20, 1945. H.A. Allard

11391 *Hydrangea*
(2) (Snowball)
From Charles W. Culpepper's place
July 20, 1945. H.A. Allard

11395 *Hydrangea*
(21) Ball-like greenish white -
From C.W. Culpepper's grounds
July 20, 1945.

Hydrangea

From Charles W. Culpepper
grounds July 20, 1945.

11396 fl. white, H.A. Allard.
111

11397 *Spiraea* var. pink Anthony waterer.
(3) from C.W. Culpepper's grounds,
July 17, 1945

11398 *Buddleia*

(3) var. Filamingo violet.
H.A. var. Filamingo violet.
From C.W. Culpepper's grounds, July 20, 1945
fl. violet purple, lavender

11399 *Althaea*

(4) *Lilium cyriacus* L.
(Double rose purple)
From C.W. Culpepper's grounds.
July 20, 1945

11400 *Abelia*

(3) fl. pink tinged.
From C.W. Culpepper's grounds July 18, 1945.

11401 *Sorbaria*

(2) fl. whitish to white.
From C.W. Culpepper's grounds July 17, 1945

11402 *Sorbaria*

(3) (fl. white)
From C.W. Culpepper's grounds,
July 18, 1945.

Sorbaria
bl. white
from C.W. Culpepper's grande,
11403 July 20, 1945.
"1

11404 *Phyllostachys aurea*
sheath from ground to 5th node,
5 nodes, complemental branches,
foliage etc. from H.G. Allard's
ground 3000-7th St., North, Arlington,
Arlington Co., Va. all from one
plant about 5 ft tall
"1 *Brassica* From Mrs. Sharp's
Garden Mustard garden -
Arlington, Arlington Co., Va.
H.G. Allard.

11406 Perennial sweet pea
"1 *Lathyrus*
From Mrs. Sharp's garden near
* 11405

11407 *Eschscholtzia* (?)
From C.W. Culpepper's grande
July 24, 1943
H.G. Allard

11408 *Solanum dulcamara* L
("1) Bittersweet.
From C.W. Culpepper's grande
July 24, 1945
(ornamental) H.G. Allard.

11409 *Menthaeae*
("1) (ornamental)
From C.W. Culpepper's grande
H.G. Allard, July 24, 1945

Lapiedea
(an ornamental)
From Charles W. Culpepper's grande,
July 24, 1945
H.G. Allard.
"1 bl. pink

11411 *Veronica virginica* L
("1) (bl. white.)
From C.W. Culpepper's grande,
July 24, 1945 H.G. Allard

11412 *Verbena urticifolia* L
"1 From H.G. Allard's grande,
3000-7th St. North,
Arlington, Va.
July 22, 1945

11413 *Sanicula gregaria* Bicknell
"1 Common in my perennial
garden (H.G. Allard's)
July 22, 1945.

11414 *Mentha* (very stoloniferous)
From H.G. Allard's garden.
bl. pink. Growing for ringed
dams. July 22, 1945
H.G. Allard.

11415 *Labiatae*
("1) called Lemon verbena; bl. pinkish.
From H.G. Allard's grande
July 22, 1945
H.G. Allard

11416 *Lonicera sempervirens* L
bl. red, yellow within
H.G. Allard's grande July 24, 1945
(ornamental)

Cuscuta

bl. and filaments yellow; anthers black.
11417 (An ornamental) 3000 - 7th. St., North, Arlington, Va.
(3) H.A. Allard's grounds.

11418 Physostegia virginiana (L.) Benth.
" H.A. Allard's garden, July 24, 1945,
bl. very light lavender,
(ornamental)

11419 Lathyrus latifolius L.
(2) H.A. Allard's garden and
escape nearly in vacant lot.
bl. bluish purple; showy ornamental

11420 Campsis radicans (L.) Seeman.
(5) From H.A. Allard's grounds;
showy; a weed here. Usual drying
causes desiccation of leaves and leaflets. Then
dipped in boiling water $\frac{1}{2}$ to 1 minute. Did
not fall apart July 24, 1945

(2) Domiæna japonica Thunb.
(a very bad weed). older bl. yellow;
newly opened white or pinkish, very fragrant.

11422 H.A. Allard's grounds, July 25, 1945

(2) Hibiscus
bl. large, pink showy. ~~—~~
H.A. Allard's garden, July 26, 1945

11423 Pomegranate. Punica
" From C. W. Caffey's place

July 26, 1945. bl. deep orange turning
red orange when dry. Large shrub
on New Hampshire Ave and

Ornamental
fl. yellow and deep purple black
bl. blue
11421 (2)

11421 (2)
H.A. Allard's garden
3000 - 7th. St. North,
Arlington, Va.
July 27, 1945

11425 Malva
(2) Ornamental; fl. pink
garden; fl. pinkish. From Davis,
Tucker Co., W. Va. July 29

11426 oenothera biennis
(3) Atkinson & Bartlett. ditto
waste ground. Davis,
Tucker Co. July 29

11427 Houttonia cordifolia Nutt. ditto
(2) on dry shale barrens on 4,550
beyond Romney, W. Va.

11428 Actaea rubra
in wet soil along Blackwater River
near Davis, W. Va. July 30

11429 Galium
(1) ditto
with # 11428;
same date.
Tucker Co.

11430 Lepidium
" ditto
Near # 11429,
same date.
Tucker Co.

Panicum

Canaan Valley
In pasture, damp soil W. Va., Pendleton Co.,
along Blackwater River near Davis; H. A. Tupper

11431 " abundant July 3, 1945

Carex articulata L

ditto

11432 In water near # 11431;
" locally abundant.

Plantago major L

ditto

11433 " 121 In pasture near # 11431;
common;

Lobelia inflata L.

ditto

" with # 11431; abundant.

Cirsium lanceolatum (L.) Scop

" ditto

In pasture with # 11431

very abundant.

Solidago graminifolia (L.) Salisb

" ditto

The only var. in this area,

and everywhere common;

just coming into flower.

Gratiola virginiana L

ditto

" in red soil near # 11431;
common.

Moonvine continued (see # 1108)

in November. In ~~March~~ ^{May} buds were in evidence. The plant was transplanted beside the east fence of my garden, where it has continued to bloom producing one to three flowers each evening up to the present (June 4, 1944). The corolla limb of all is divided to the tube ^{fine} into separate, clawed segments (clawed). First bloom last week of May. Up to June 4, about 12 flowers produced

June 5	- 1 fl.	July 5-10	Aug. 4-21
" 6	- 1 fl	" 6-3	" 5-19
" 7	- 1 fl	" 7-5	" 6-21
" 9	- 1 fl	" 8-6	" 7-23
" 10	- 1 fl	" 9-5	" 8-16
" 11	- 1 fl	" 10-7	" 9-21
" 12	- 1 fl	" 11-5	" 10-18
" 13	- 2 fl.	" 12-5	" 11-19
" 14		" 13-9	" 12-40
" 15		" 14-6	" 13-13
" 16		" 15-2	" 14-18
" 17		" 16-10	" 15-45
" 18		" 17-7	" 16-25
" 19		" 18-12	" 17-38
" 20	1 fl.	" 19-7	Sept 4-13
" 22	1 fl.	" 20-11	" 5-17
" 23	1 fl.	" 21-10	" 6-8
" 24	2 fl.	" 22-13	" 7-5
" 25	1 fl.	" 23-8	" 8-0
" 26		" 24-26	" 9-0
" 27	1 fl.	" 25-11	" 10-0
" 28	2 fl.	" 26-12	" 11-0
" 29	1 fl.	" 27-12	" 12-0
" 30	1 fl.	" 28-8	" 13-5
July 1	- 1 fl.	" 29-9	" 14-4
" 2	3 fl.	" 30-9	" 15-3
" 3	3 fl.	" 31-15	" 16-3
" 4	1 fl.	Aug. 1-26	" 17-0
		" 2-3 fl.	" 18-0
		" 3-3 fl.	" 19-0
		" 4-1 fl.	" 20-0
		Aug. 2-21	continued
		Sept 1-15	over.
		Aug. 3-11	
		" 2-17	
		" 3-17	

Plant type in June
1944
Recorded June 33-36, 1944

Sept. 21: 0
Sept. 22: 1
Sept. 23: 2

Type in U. S. Nat. Herbarium
= 1871928 = (holotype)

Isotype for general Herb.

= 1871929.

Isotype for Herb. of introduced
Plants = 1871930

On June 18, 1945, in Bull Run
Mt., found many ^{adult} 17-year cicadas
with abdomen wounded with
the fungus Massaropora cicadina ^{sp.}
(detd. by Miss Charles)

